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INTELLECTUAL SERVICES

ON CARRYING OUT A TECHNICAL ENVIRONMENTAL STUDY

ref: PUI-CONS-FR285-002

Project funded by the Crisis and Support Center of the French Ministry of Europe and Foreign Affairs

1. General

Project / Department	[PHARE-u] Carrying out a technical environmental study International Emergencies Unit - International Operations Division
Purpose of the assignment	Support the CRF in integrating effective and sustainable waste management solutions into emergency response operations, while strengthening the humanitarian sector's capacity in this area.
Mission location	Remote, with the possibility of travel to FIU Delegations or Regional Intervention Platforms (PIR)
Mission managers	Mathieu Grenade, RSO Environment Coordinator Julie Squercioni, Contract Manager, International Emergency Department Aude Saintoyant, Head of the Disaster Risk Management and Emergencies Department
Desired start date	As soon as possible
Desired end date	September 12, 2025
Deadline for deliverables	<ul style="list-style-type: none"> - April 28: Catalogue of waste typologies by operation - July 21: SOP and CRF operational manual on emergency waste management



	<ul style="list-style-type: none">- August 25: awareness-raising and training tools- September 12, 2025: final report
Mission duration	5.5 months

2. Introduction

2.1 Context of the consultancy assignment

In a world where humanitarian crises are becoming increasingly frequent, complex and widespread, the management of waste generated during emergency operations is a crucial issue. This waste, often poorly managed, can exacerbate already critical environmental and health impacts.

The French Red Cross (FRC) is actively committed to integrating eco-responsible practices into all its operations, in line with its 2024-2027 environmental roadmap, its commitments to the Humanitarian Climate and Environmental Charter and the Réseau Environnement Humanitaire (REH). This approach is part of a global drive to limit the ecological footprint of humanitarian aid while respecting local populations and ecosystems.

To reinforce this dynamic, the CRF is looking to recruit a consultant specializing in waste management in emergency and crisis situations. The aim is to structure and improve current practices in three main areas:

- 1. Development of a catalog to identify the types of waste generated during operations**
This tool will enable us to quickly identify the types and volumes of waste generated during our operations, so as to facilitate their efficient and sustainable management right from the initial response phases.
- 2. Drafting of standard operating procedures (SOPs) and an operational manual on emergency waste management, adapted to French Red Cross response tools.**
The SOPs will serve as a practical framework for teams in the field, guaranteeing consistent, environmentally-friendly practices adapted to the specificities of crisis contexts.
- 3. Development of training modules based on the product catalog and operational manual.**

The aim of this consultation is to develop an operational framework and practical recommendations on waste management in emergency contexts. This work will not be specifically focused on one geographical area of FIU intervention, but is intended to be generic and adaptable to all emergency response contexts. The resulting recommendations should therefore be applicable in a variety of contexts, including urban, rural, conflict zones and natural disasters.

They must also take into account cultural differences, available infrastructures, local regulations and the human and material resources available in the field. The approach adopted therefore



aims to provide a flexible framework, which can be adjusted according to the specific needs and constraints of each intervention.

The tools and materials developed as part of this project can be shared with the humanitarian sector as a whole. This collaborative approach will contribute to strengthening the collective capacities of humanitarian actors for more efficient, sustainable and environmentally-friendly waste management.

This study is part of the Humanitarian Partnership for Emergency Response and Assistance (PHARE-u) project, in partnership with the CDCS, described in the following chapter.

2.2 Overview of the PHARE-u partnership

Humanitarian Partnership for Emergency Response and Assistance (PHARE-u)

The PHARE-u project is an innovative partnership between the French Red Cross (FRC) and the Crisis and Support Center of the French Ministry of Europe and Foreign Affairs (CDCS). Its aim is to strengthen the FRC's international emergency response capabilities, while improving the quality and speed of care for affected populations. The project proposes five key intervention modalities, and also funds response preparation activities, team and equipment capacity building, and covers the support costs necessary for the effective implementation of operations, as well as the cost of human resources dedicated to emergencies.

Project duration	From 07/15/2024 to 09/30/2025
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Carrying out this technical study is an activity planned as part of the PHARE-u project, in line with "R.3 Partnership management is fluid and geared towards **joint learning**".

3. General and specific objectives of the consultancy

3.1 General objective of the consultancy assignment

Support the CRF in integrating effective and sustainable waste management solutions into emergency response operations, while strengthening the humanitarian sector's capacity in this area.

3.2 Specific objectives of the consultancy assignment



1. Identify the different types and volumes of waste produced during the implementation of emergency response activities (epidemics, earthquakes, etc.) carried out by the CRF, listed in a catalog.
2. Design standard operating procedures (SOPs) and a CRF operational manual for emergency waste management and sorting according to the typologies and response scenarios identified, drawing on best practices developed in the humanitarian sector.
3. Develop awareness-raising and training tools for CRF staff, based on the emergency waste management catalog and operational manual, to be distributed to the humanitarian sector (particularly French-speaking teams).

5. Methodology of the consultancy

Consultants are expected to submit a technical proposal based on the methodology described below. The consultants are free to propose adjustments to the methodology in order to improve the quality of the results obtained and the efficiency of the mission, provided that these adjustments are justified and guarantee the achievement of the general and specific objectives of the study.

The expected methodology for this study is as follows:

a) Diagnosis phase

- Gathering of data on the volumes and nature of known waste generated according to the typology and modalities of emergency response. Review of existing literature on the subject produced by international organizations, scientists and players in the humanitarian sector.

b) Design and production phase

1. **Catalog of waste typologies by intervention :**
 - Identify the types of waste produced during the various emergency response activities for each disaster scenario identified: epidemics, cyclones, earthquakes, eruptions, floods and population displacements.
 - Consolidate items identified in a catalog.
 - Integrate feedback from stakeholders for finalization.
2. **SOP and CRF operational manual on emergency waste management**
 - Draw up SOPs for the management and sorting of emergency waste for each type of waste, and for each emergency response scenario identified.
 - Produce a CRF operational manual for emergency waste management based on the catalog, SOPs and best practices identified in the humanitarian sector.
 - This manual aims to operationalize the treatment of waste generated by the operation.



c) Training and awareness phase

- Development of training modules based on the product catalog and operational manual.
- Creation of interactive teaching aids to encourage participant involvement.

d) Monitoring and evaluation phase

- Creation of a tool to collect data on waste production and management in emergency situations, for use by emergency response teams.
- Follow-up of training and awareness-raising actions through participant feedback and post-training evaluations.
- Documentation of best practices and recommendations for future action.

6. Expected results of the consultancy

- **Capacity building :**
 - The various parties involved in emergency response are trained and made aware of best practices in waste management.
 - Effective, appropriate teaching tools are available and widely distributed.
- **Optimizing interventions :**
 - Humanitarian operations systematically include a waste management component.
 - Waste generated during operations is measured and effectively managed.
- **Reducing environmental and health impacts:**
 - Waste management during operations reduces risks to the environment and public health.
 - Adapted SOPs guarantee a standardized approach in line with international standards.
- **Documenting and sharing best practices :**
 - Lessons learned are documented and made available for future projects.
 - A final report summarizes the results obtained and proposes concrete recommendations.

7. Expected deliverables

Each deliverable must be submitted within the timeframe specified by the consultancy and the FIU at the time of contracting. The FIU will be responsible for validating the deliverables.



1. **A catalog identifying the types of waste for each operation.**

The consultant will need to consult the CRF's Delegations and Regional Intervention Platforms (PIR), the International Federation of the Red Cross and Red Crescent (IFRC), and the CRF's National Partner Societies during the construction phase of this tool. Feedback from the various players involved in the field will be incorporated into the finalization of the catalog.

The consultant will be asked to submit a catalog to the FIU International Emergencies Unit for validation. The catalog will include a description of the possible typologies and estimated volumes of waste generated during the various disaster response activities carried out by the FIU (epidemics, cyclones, earthquakes, eruptions, floods and population displacements).

2. **Standard operating procedures (SOPs) for emergency waste management**

The consultant will produce SOPs on waste management in emergency response for each waste typology and/or response scenario.

The consultant will forward the SOPs to the FIU's International Emergencies Unit for validation.

On the basis of these SOPs, the consultant will produce an operational manual for the FIU's emergency response teams, in particular within the Delegations and the PIRs.

3. **Training modules and awareness-raising materials.**

The consultant will be asked to provide upstream presentation media for the tools produced (catalog, SOP, operational manual), such as Powerpoint and awareness-raising materials. These materials must be adapted to each Delegation and PIR concerned.

4. **Final V0 report** including activities carried out, results obtained and recommendations.

The consultant will be required to **submit a detailed V0 final report in French (max 40 pages)** for comments and review by the CRF and CDCS team, including :

- One section for each tool developed (catalog, SOP, CRF operational manual and training and awareness materials)
- Recommendations for successful implementation of each tool
- A conclusion
- corresponding appendices (max 10 pages) (containing technical details of the study, terms of reference, any tables or graphs, references and other sources of information).

5. **A final report Final version**

After revision and incorporation of comments from the CRF and CDCS teams, a final version of the Final Report will be produced.



7. Consultancy organization and schedule

Consultancy phases

- Phase 1: Diagnosis
- Phase 2 Tool design
- Phase 3: Training, awareness-raising and final report.

Timeline

The consultancy will last 5.5 months.

Phase 1	Diagnosis phase 1 month
Phase 2	Tool design phase 3.5 months
Phase 3	Training, awareness-raising and final report phase 1 month

> This timeline is a proposal to be adapted by the consultants.

8. Processing offers

Consultant profile

- Proven experience in emergency waste management;
- Proven field experience of at least 5 years, particularly in logistics/EHA ;
- Proven experience in workshop facilitation and training;
- Skills in :
 - Research work
 - Synthesis work
 - Excellent writing skills
 - Sense of consensus - Diplomacy and negotiation ;
- Experience in an intercultural context ;
- Perfect command of French and English.

Administrative clauses



- At the time of submission, the bidder must provide proof of the regularity of its economic activity (tax documents, registration, registration as a self-employed worker - depending on the country of reference where the bidder is established).
- The service provider is solely responsible for providing the material and human resources needed to carry out the service: plane tickets, computer, professional liability insurance, visa.
- He may delegate part of the mission, within his teams, to the employee of his choice, but he remains the sole hierarchical and disciplinary authority over his employees. The service provider is responsible for ensuring the safety of the consultants he sends on assignment.

Expression of interest

- Consultants must submit a **technical and financial proposal** for their services.
- The **technical offer** must include: CV and/or Portfolio, proposed methodology and an indicative timetable.
- The **budget should** show all costs relating to the realization of the six modules.
- The price indicated for the service must be marked 'firm, global, lump-sum and final'.
- **Tenders should be sent to the following e-mail address:** julie.squercioni@croix-rouge.fr
 - with the following heading: **OFFER PUI-CONS-FR285-002 _ LAST NAME First Name**
- **Deadline** for bids: **April 8th, 2025 at 9 a.m.** (Paris time)