



UNDP REQUEST FOR EXPRESSION OF INTEREST (REOI)

ITB 071/17 - Prequalification Clean-up and Disposal services for pesticide contaminated soil from the Nubarashen site, Yerevan, Armenia

UNDP Armenia office invites interested companies to apply on the following:

To submit an Expression of Interest (EOI) for prequalification and participation in the implementation of **Clean-up and Disposal services for pesticide contaminated soil from the Nubarashen site in Yerevan, Armenia**, implemented within the scope of the “Elimination of obsolete pesticide stockpiles and addressing POPs contaminated sites within a sound chemicals management framework in Armenia” UNDP-GEF full size project in Armenia.

1. Background

The objective of UNDP/GEF project “Elimination of obsolete pesticide stockpiles and addressing POPs contaminated sites within a sound chemicals management framework in Armenia” (Output ID 00091031) is to protect human health and the environment through the elimination of POPs and obsolete pesticide (OP) stockpiles, in compliance with the commitment of the country as a signatory party of Stockholm Convention. The Project Document is available through the below provided link¹.

The Project will meet this objective by eliminating a large POPs pesticide burial site located in the outskirts of Yerevan city in Nubarashen district that represents the major POPs stockpile and waste legacy for the country as well as residual obsolete pesticide stored at 24 major locations in community based storehouses.

The project, under Outcome 2.1, envisages the destruction of around 900+150 tons of Category 1 POPs waste (pure pesticides or associated material with more than 30% organochlorine pure pesticides - listed in the Project Document – Section I, Table 3).

Under Component 2, Outcome 2.2 the project covers the on-site / in-country treatment of an estimated 7,100 t of heavily pesticide contaminated soil (Category 2) excavated from the Nubarashen site.

Due to the difficulties arising from the shipment of this large amount of soil, the project is currently seeking a provider of on-site soil decontamination services which will deal with the activities under Component 2.2, concerning the treatment of Category 2 soil below the acceptable contamination target level by means of an on-site or in-situ technology.

¹ goo.gl/FsxMZL

2. Services to be provided by the Provider of Cleanup Technologies and Outputs

This assignment is limited to the soil decontamination activities envisaged under Component 2, Outcome 2.2 of this project.

- **Amount of soil to be treated.** According to Component 2, Outcome 2.2 of this project, the objective of this contract is to decontaminate on site, within the contract period, an estimated maximum amount up to 7000 tons of soil contaminated by pesticides (containing DDT and HCH/Lindane, and presence of a lesser amounts of other organic and inorganic non-POPs pesticides) with an average concentration of respectively 173 ppm of Σ DDT and 269 ppm of Σ HCH². This is however the maximum amount of contaminated soil, and a more precise (likely lesser) estimate of the amount and its concentration will be available after the completion of the ongoing sampling and analysis assessment.
- **On site clean-up of soil.** For a number of logistic, regulatory and social constraints, the preferred option for soil treatment would be the establishment of a treatment facility on-site. On-site decontamination means that the soil has to be treated in Armenia, in the close vicinity of the contaminated site (a set of photos and maps of the site is shared), the land and the surrounding of which is officially made available by the Municipality of Yerevan (the Yerevan Mayor's decree is provided). The soil to be decontaminated will be transported to the treatment site by a local provider of excavation and transportation services holding a license for this type of activity awarded by relevant national authority, therefore this assignment will only concern the activities related to pre-treatment, treatment and post-treatment of soil. It does not concern the transportation of soil from and to the Nubarashen contaminated site.
- **Sampling and analysis.** This assignment will also include around two sampling and analysis of Σ DDT and Σ HCH in each 20-50 tons/TBD of soil treated (one before and one after treatment).
- **Bench scale treatability test, no load test (if applicable) and proof of performance test.** As part of the delivery of the clean-up/disposal services, the selected firm will undertake a Bench-Scale Treatability Test/BSTT (in Armenia or at its premises) of the soil to be treated with the proposed technology. The selected firm will undertake also a No-Load Test/NLT (as applicable, either in Armenia or at its premises) and a Proof of Performance Test/PPT (full scale, in Armenia) as part of the technology acceptance procedure.
- **Decontamination target.** The technology shall ensure that POPs substance/waste contained in soil (with specific reference here to DDT and HCH, and presence of a traces of mercury containing pesticide granozan and calcium arsenate in the buried waste), are completely removed, destroyed or irreversibly transformed to non-POPs, non-hazardous substances.

The technology shall ensure that the sum of chlorinated pesticides in the treated soil does not exceed the levels set by Basel and Stockholm Conventions (50 mg/kg)³. The technology or the disposal service offered shall include the final destruction of any waste generated, including concentrated sludge, filter cakes, activated carbon or similar to ensure that the level of POPs contained in those waste materials does not exceed 50 mg/kg (the minimum decontamination level TBD for the final tender).

- **Further clarifications.** This assignment has to be intended only for clean-up/disposal services on site, therefore any equipment which will be delivered for the treatment of soil will be managed by the selected company and will remain latter's property. Commercial agreements on the handover of the equipment to local institutions or commercial entities after the completion of this contract are beyond the scope of this assignment although they may be considered by the national Government.

Interested companies need to plan a visit to Armenia for Nubarashen site visit and for delivery of a presentation on their proposed technology for soil decontamination. On the timing of this visit will be informed after the letters of acknowledgement on applicants interest received. Tentative period of site visit and technology presentation workshop is planned for the **first decade of November**.

² Find referred data in the shared Report_1. Related historical data is provided in the Table 3 of the Project Document. Currently, the average concentrations are being verified by supplementary analytical assessment of the burial site and surroundings. More accurate data will be provided before the tender.

³ Updated general technical guidelines on the environmentally sound management of wastes consisting of, containing or contaminated with persistent organic pollutants (POPs), adopted by COP.8, Dec 2006

3. Eligibility and Prequalification criteria

Prequalification procedure: Prequalification will be based on compliance with all mandatory qualification criteria related to Applicant's specific experience, managerial and financial capabilities, staffing experience.

The Applicant must fulfil the following mandatory qualification criteria:

	List of criteria	Benchmark and documents to be submitted
1.	Demonstrated capacity	The interested company shall provide documentary evidence of at least 3 similar assignments successfully completed in the last 5 years on the decontamination of POPs contaminated soil for an overall budget of not less than 2 MUSD, or as an alternative a single assignment involving the treatment of at least than 4000 tons of POPs contaminated soil in the last 5 years. A priority will be given to the projects with transported technology to the decontamination site.
2.	Certification	The interested company shall provide certificate stating its registration as waste management and site clean-up company in the countries where it operates.
3.	Staffing / Qualifications of key personnel	Demonstrated experience of the staff. The staff of the interested company shall include as a minimum the following key staff.
		A Task Manager with at least 10 years of experience in the field of contaminated site clean-up, with specific experience on POPs, and with a PhD degree in environmental/chemical engineering, civil engineering, industrial chemistry, environmental or soil sciences or related field.
		A Local Coordinator with at least 5 years of experience in the management of contaminated site clean-up projects, with specific reference to the equipment / technology proposed. The local coordinator should have as a minimum a M.Sc. degree in environmental/chemical engineering, civil engineering, environmental or soil sciences or related field.
		Technical staff with at least 3 years of proven experience in operating the technology / equipment.
4.	Registration as environmental service company in Armenia	<p>This has to be demonstrated through the existence of an operating branch of the selected firm in Armenia, or through the establishment of a consortium with an Armenian company already registered as environmental service provider and holding a license provided by national authority for handling of hazardous waste.</p> <p>For operation of the contaminated soil clean-up/disposal service on site the service provider needs to obtain a license issued by the national authorized body regulated by the Republic of Armenia Government decree № 121-N dated January 30, 2003 "On Approval of the order for licensing of hazardous waste treatment, decontamination, storage, transportation and installation/disposition activities in the Republic of Armenia" (http://www.arlis.am/DocumentView.aspx?docid=90457); by the Law on Waste: http://www.parliament.am/law_docs/270601HO193eng.pdf?lang=eng. Or the clean-up/disposal service provider may have a partnership arrangement with local respective licensed company acting as a lead entity for the service specified in this REOI.</p>

Qualifications of Key Personnel. Provide the CVs for key personnel (Task Manager; Local Coordinator - if already available, or the CV will be submitted for the tender; Technical staff) that will be provided to support the implementation of this project. CVs should demonstrate qualifications in areas relevant to the Scope of Services. Please use the format below:

Name:		
Position for this Contract:		
Nationality:		
Contact information:		
Countries of Work Experience:		
Language Skills:		
Educational and other Qualifications:		
Summary of Experience: <i>Highlight experience in the region and on similar projects.</i>		
Relevant Experience (From most recent):		
Period: From – To	Name of activity/ Project/ funding organisation, if applicable:	Job Title and Activities undertaken/Description of actual role performed:
<i>e.g. June 2004-January 2005</i>		
<i>Etc.</i>		
<i>Etc.</i>		
References no.1 (minimum of 3):	<i>Name / Designation / Organization Contact Information – Address; Phone; Email; etc.</i>	
Reference no.2	<i>Name / Designation / Organization Contact Information – Address; Phone; Email; etc.</i>	
Reference no.3	<i>Name / Designation / Organization Contact Information – Address; Phone; Email; etc.</i>	
Declaration: I confirm my intention to serve in the stated position and present availability to serve for the term of the proposed contract. I also understand that any willful misstatement described above may lead to my disqualification, before or during my engagement.		
_____ Signature of the Nominated Team Leader/Member		_____ Date Signed

4. Application submission

4.1. Language requirements

All correspondence and documents relating to the EOI shall be in the English language. Supporting documents (certificates, etc.) that are part of the EOI need to be accompanied by an English translation.

4.2. Submission details

The EOI and accompanying documents as listed below, must be sent to tenders.armenia@undp.org no later than **30 October, 2017, 16:00** local Armenian time (GMT+4). EOI received after the above deadline will not be considered.

Accompanying documents:

List of accompanying documents
<ul style="list-style-type: none">✓ <i>Company Profile, including: name of organization and contact information; printed brochures and product catalogues relevant to the goods/services being procured</i>✓ <i>Certificate of Corporate Registration of the business</i>✓ <i>Quality Certificates:</i><ul style="list-style-type: none">- <i>ISO 9001 (Quality Management System) or national equivalent</i>- <i>ISO 14001 (Environmental Management System) or national equivalent</i>✓ <i>Statement respecting the Quality Assurance mechanism within the organization</i>✓ <i>List and brief description of three implemented similar projects</i>✓ <i>Expertise of firm /Work Experience in relevant field in the region</i>✓ <i>Expertise of firm/Work experience for UNDP/ major multilateral/ or bilateral programmes/projects</i>✓ <i>CVs of Task Manager and key personnel with short description of their capacities in compliance with requirements for this REOI.</i>

e-mail to: Please e-mail your Expression of Interest with accompanying documents to: tenders.armenia@undp.org with subject: **ITB 071/17 - Prequalification Clean-up and Disposal services for pesticide contaminated soil from the Nubarashen site, Yerevan, Armenia**

EOI from companies failing to provide the complete information to fulfill the basic eligibility criteria will be considered non-responsive. This EOI will form the basis for a pre-qualified short-list of providers of soil cleanup services. The next process will be conducted in accordance with the procedure set out in the UNDP Programme and Procurement Guidelines and UNDP Rules and Regulations.

This EOI does not entail any commitment on the part of UNDP, either financial or otherwise. UNDP reserve the right to accept or reject any or all EOI without incurring any obligation to inform the affected applicant/s of the grounds.

PLEASE DO NOT SUBMIT FINANCIAL OFFERS AT THIS STAGE