



REQUEST FOR EXPRESSION OF INTEREST (EOI)

Title of the EOI:

Treatment and disposal of hazardous and non-hazardous organic and inorganic chemicals and related packaging materials/containers

Posting date of this EOI: 20 November 2013

Closing Date for Receipt of EOI: 29 November 2013

EOI Reference Number: OPCW/CDB/EOI/01/2013

Background

The Organisation for the Prohibition of Chemical Weapons (OPCW) is the implementing body of the Chemical Weapons Convention (CWC), a global arms control treaty which mandates destruction of all existing chemical weapons under international verification; monitoring of the chemical industry to prevent new weapons from re-emerging; provision of assistance and protection to State Parties against chemical threats; and the fostering of international cooperation to strengthen implementation of the CWC.

Description of Requirements:

The OPCW requests Expression of Interest (EOI) from companies interested in participating in the potential solicitation process for the treatment and disposal of hazardous and non-hazardous organic and inorganic chemicals and related packaging materials and containers/drums, or part thereof.

The specific areas of interest are as follows:

1. Disposal of organic chemicals (in containers/drums of various capacities):

Nr. crt	Chemical name	CAS Registry number	Approximate Quantity MTs)
1	TRIETHYLAMINE	121-44-8	30
2	TRIMETHYL PHOSPHITE	121-45-9	60
3	DIMETHYL PHOSPHITE	868-85-9	5
4	MONOISOPROPYLAMINE	75-31-0	40
5	DI-ISOPROPYL AMINOETHANOL	69-80-0	5
6	2-CHLOROETHANOL	107-07-3	5
7	BUTAN-1-OL	71-36-3	5
8	METHANOL	67-56-1	3



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9	PROPAN-2 –OL	67-63-0	120
10	HEXAMINE	100-97-0	80
11	SODIUM-O-ETHYL METHYL PHOSPHONOTHIONATE	22307-81-9	130
12	N (2-CHLOROETHYL)-N-ISOPROPYL PROPAN 2 AMINE (SALT)	96-79-7	40
13	N (2-CHLOROETHYL)-N-ISOPROPYL PROPAN 2 AMINE (SOLUTION 23-64%)	96-79-7	90
14	N (2-CHLOROETHYL)-N-ETHYL PROPAN 2 AMINE (SOLUTION 23-64%)	13105-93-6	25

2. Disposal of inorganic chemicals

Nr. crt	Chemical name	CAS Registry number	Approximate Quantity (MTs)
1	HYDROGEN FLUORIDE	7664-39-3	60
2	PHOSPHORUS PENTASULFIDE	1314-80-3	10
3	PHOSPHORUS TRICHLORIDE	7719-12-2	30
4	PHOSPHORUS OXYCHLORIDE	10025-87-3	15
5	HYDROGEN CHLORIDE	7647-01-0	45

3. Treatment/disposal of effluents with the following specifications (more detailed information regarding composition of the effluent will be provided at a later stage):

- Low to moderate caloric value
- Halogens content (Cl, F) up to 8%
- pH values from 4 to 10

The effluent is expected to contain the following chemicals in approximate concentrations ranging between 3 and 20 percent by weight: thiodiglycol; methyl phosphonic acid; and o-ethyl methyl phosphonic acid. The effluent will likely be stored and transported in ISO portable tank containers.

The following table outlines the estimated effluent resulting from neutralisation operations that will need to be destroyed. Effluent will be fully characterised when generated.

Chemical	Estimated Quantity of Effluent (liters)
Fluorinated effluent	4,400,000
Aqueous solution containing o-ethyl methyl phosphonic acid	1,200,000
Sulfur containing effluent	300,000



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Aqueous solution containing chloro-amines	1,800,000
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4. Disposal of packaging materials/empty containers/drums for the above-mentioned chemicals (around 4,000 containers, different capacities) as well as, amongst others, solid waste including personnel protective equipment, spill pillows, carbon filters, HEPA filters, rags and clean-up materials, and lab equipment.

Special Conditions and Additional Information

The disposal operations should ensure a minimum 99.99 % destruction efficiency of organics in the case of incineration. In case of physico-chemical processes, the concentration of thiodiglycol; methyl phosphonic acid; and O-ethyl methyl phosphonic acid in the effluent should be below 0.1 percent by weight.

Disposal operations shall meet applicable international, national, and local regulations and requirements, with the objective of protecting the environment and the safety of people.

Any company interested in conducting the treatment/disposal of the above detailed chemicals, packaging materials and solid waste should have valid operational and environmental permits and be designed and have relevant expertise in the areas of hazardous waste treatment and the disposal of hazardous organic and inorganic chemicals and solid waste through appropriate and proven technologies, including incineration, neutralisation or bioremediation.

Any company interested in conducting the disposal operations for organic and inorganic chemicals listed under 1 and 2 above shall be able to receive such chemicals in February 2014 and shall complete operations by 30 June 2014.

Any company interested in conducting the disposal operations for the effluent listed under 3 above shall be able to receive the effluent in February 2014 and shall complete operations by 31 December 2014.

All chemicals including the effluent will be packed in appropriate containers, meeting international transportation standards, and transported to the port closest to the facility. The receiving treatment/disposal facility will perform all off loading, transportation from the port to the facility, and handle any waste generated during disposal operations in accordance with its health and safety plan.

The receipt of subject chemicals and effluent to the facility and its consumption will be fully reported to the Technical Secretariat of the OPCW, and inspection teams of the OPCW will verify reported information on such receipt and consumption. In this regard, necessary verification measures meant to ensure the accountability of chemicals received and disposed of will have to be agreed. These may include but are not limited to: access of OPCW inspectors, subject to safety requirements, to agreed upon areas; the ability to confirm the receipt of chemicals and their destruction through physical access and/or by reviewing video recording; access to, as applicable, relevant operational records, process data, weighing data, and or video recordings of specific activities in relation to the disposal of the subject chemicals only.



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Interested companies should submit their EOI, by using the attached Supplier Response Form, including the following information:

- brief presentation of the company including number of staff, turnover, years in business;
- reference list demonstrating qualifications for participating in the possible solicitation process;
- method of disposal and the list of chemicals the disposal of which could be undertaken by the company;
- other requirements, if any;
- contact information (full name and address, country, telephone and fax numbers, e-mail address, website and contact person)

The EOI and accompanying documents must be received by the OPCW no later than **29 November 2013**. No further details of the potential solicitation will be made available to the companies prior to issuance of the solicitation documents.

EOI can be sent by e-mail or fax to the contact person below. Please indicate **Ref. No.: OPCW/CDB/EOI/01/2013** on all submissions.

Address EOI response by fax or e-mail for the Attention of: Acting Head,
Procurement section

Fax Number: 0031 70 416 3132

E-mail Addresses: Eunice.bepura@opcw.org and procurement@opcw.org

Reference Code: **OPCW/CDB/EOI/01/2013**

This request for EOI does not constitute an invitation to bid.. OPCW reserves the right to change or cancel the requirement at any time during the EOI and/or bidding process. OPCW also reserves the right to require compliance with additional terms and conditions. Submitting a reply to a request for EOI does not automatically guarantee receipt of the bidding documents. Any future bidding process will be governed by the regulations and rules of the OPCW and the issuance of any subsequent contractual agreement will be in accordance with the terms and conditions of the OPCW.



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SUPPLIER RESPONSE FORM

To: Acting Head, Procurement
Reference no.: **OPCW/CDB/EOI/01/2013**
Email : Eunice.bepura@opcw.org and procurement@opcw.org
Fax.: 0031 70 416 3132
Subject: Treatment and disposal of hazardous and non-hazardous organic and inorganic chemicals and related packaging materials/containers

Company Name: _____

Address: _____

Telephone No: _____

Fax No: _____

E-mail Address _____

Prerequisites for eligibility

We declare that our company fully meets the prerequisites for eligibility outlined below:

- Our company (as well as any parent, subsidiary or affiliate companies) is not listed in, or associated with a company or individual listed in the Compendium of United Nations Security Council Sanctions Lists (http://www.un.org/sc/committees/list_compend.shtml).
- Our company (as well as any parent, subsidiary or affiliate companies) is not currently, and has not been in the last five years, under investigation or sanction by the Organisation for the Prohibition of Chemical Weapons (OPCW) or any government of its Member State; or if so, in any case, such information, including all related circumstances, has been fully disclosed to the Procurement section of the OPCW in writing.
- Our company has no outstanding or pending bankruptcy, judgment or legal action that could impair our company's ability to continue operating as a going concern.
- Our company (as well as any subsidiary or affiliate companies) and all employees, agents, intermediaries and other persons retained by these companies agree to cooperate with the OPCW during any investigative process undertaken by them, either before during or after execution of a contract, including providing all required documents, company records, access to employees, officers and staff, as well as financial information.
- Our company (as well as any subsidiary or affiliate companies) and all employees, agents, intermediaries and other persons retained by these companies agree to cooperate with the OPCW during any investigative processes undertaken by them, either before during or after execution of a contract, including providing all required documents, company records, access to employees, officers and staff, as well as financial information.
- We understand that any false, incomplete or defective submission may result in the rejection of this application or cancellation of an already existing registration with the OPCW.

Signature: _____

Date: _____

Name and Title: _____