

**REQUEST FOR INFORMATION (RFI)****Title of the RFI:**

Supply of Waste Management Equipment

**Date of this RFI:** 5 November 2018**Closing Date for Receipt of RFI at PD:** 4 December 2018**RFI Number:** RFIMK6176**Address RFI response by fax or e-mail to the Attention of:** Manal Kamel**Fax Number:** N/A**E-mail Address:** kamelm@un.org**UNSPSC Code:** 24000000**DESCRIPTION OF REQUIREMENTS**

Note: This is a Request for Information pertaining to the subject requirement, so please note that we are not looking to receive just responses to this request without including your relevant product information/technology.

**1 Background**

The United Nations (UN), Department of Field Support (DFS) has a requirement to establish a Global System Contract for the supply of "Waste Management Equipment" to serve different camp sizes of population from, 200 scalable up to 1000 in peacekeeping missions.

"Waste Management Equipment" includes the following:

- a. Pyrolytic Double Chamber Incinerator (three sizes: small/medical unit; medium unit; large unit);
- b. Hydraulic Baler/Compactor;
- c. All-purpose Shredder;
- d. Bulb Crusher;
- e. Concrete Encapsulation Mold;
- f. Large Wheelie Bins;

The engaged Vendor shall be required to design, manufacture, supply, install such equipment and to provide optional services (spare parts, maintenance and operator training).

**2 General Features**

The required equipment shall meet the following main parameters:

- a. General
  - i. Waste material typology to be treated: organic, paper, plastic, metal, glass, and medical wastes;

- ii. Solid Waste production: up to 2 kg/person/day;
  - iii. Solutions to serve different camp sizes: population from 200, scalable up to 1000;
  - iv. Rapid deployment and easy installation;
  - v. Suitable for critical harsh environmental conditions, and for different climate zones (e.g. desert, tropical country, mountain, etc.);
  - vi. Suitable to be transported via road, air (via helicopters or air-cargoes, e.g. MI8 or C130) and sea either by 20'ISO shipping containers or by aircraft pallets;
  - vii. Easy dismantling and re-packing;
- b. Pyrolytic Double Chamber Incinerator:
- i. Sizes:
    - 1. Small/Medical Unit: the incinerator must be provided to handle an average waste production of 160kg/day and meet the capacity as herein below indicated:
      - Minimum load capacity: 200 kg
      - Maximum load capacity: 400 kg
      - Nominal burning rate: 18-30 kg/hr
    - 2. Medium Unit: the incinerator must be provided to handle an average waste production of 480 kg/day and meet the capacity as herein below indicated:
      - Minimum load capacity: 600 kg
      - Maximum load capacity: 1,000 kg
      - Nominal burning rate: 55-80 kg/hr
    - 3. Large Unit: the incinerator must be provided to handle an average waste production of 2,000kg/day and meet the capacity as herein below indicated
      - Minimum load capacity: 2,000 kg
      - Maximum load capacity: 3,500 kg
      - Nominal burning rate: 240 - 300 kg/hr
  - ii. Fuel demand efficiency;
  - iii. Combustion efficiency;
  - iv. Pollution control devices;
  - v. Thermal, energy efficiency;
  - vi. Alarm system for functional failure, if any;
  - vii. Digital display and recording system;
  - viii. Safety feature devices;
- c. Hydraulic Baler/Compactor:
- i. Energy demand efficiency;
  - ii. Allow for manual loading;
  - iii. Equipped with a mechanical bale eject system;
  - iv. Safety feature devices;
- d. All-purpose Shredder:
- i. Energy demand efficiency;
  - ii. Single-pass shredder;
  - iii. Allow for manual loading;
  - iv. Include controls with a user-friendly screen display showing plant, cycle and status indicators;
  - v. Prevent accidental start-up;
  - vi. Safety feature devices;
- e. Fluorescent Bulb Crusher:
- i. Allow for manual loading;
  - ii. Include controls with a user-friendly panel including safety and operating status indicators;
  - iii. Energy demand efficiency;
  - iv. Vacuum and filtering systems to remove mercury vapors;
  - v. Safety feature devices;
- f. Concrete Encapsulation Mold:
- i. Steel mould;
  - ii. Minimum length: 100cm;
  - iii. Minimum inside diameter: 60cm;

- g. Large Wheelie Bins:
  - i. Two sizes: 660 litres and 1,100 litres with hinged lids;
  - ii. Six colours: black, yellow, blue, red, green and grey;
  - iii. Material: high density polyethylene (HDPE);
  - iv. Durable and robust of heavy duty construction;
  - v. Resistant to UV, cold, heat and chemicals;
  - vi. The surface easily cleanable (glossy);

### 3 Output

Vendors are invited to provide evidence/technical information as minimum about the data highlighted in the above paragraphs 2 and the price range of the proposed items.

### SPECIFIC REQUIREMENTS / INFORMATION (IF ANY)

#### NOTE

Information on tendering for the UN Procurement System is **available free of charge** at the following address: <https://www.ungm.org/Public/Notice>

Only the United Nations Global Marketplace (UNGM) has been authorised to collect a nominal fee from vendors that wish to receive automatically Procurement Notices or Requests for Expression Of Interest. Vendors interested in this Tender Alert Service are invited to subscribe on <http://www.ungm.org>

# VENDOR RESPONSE FORM

**TO:** Mk6  
**Email:** kamelm@un.org  
**FAX:** N/A

**RFI Number:**

**FROM:**

**SUBJECT:** Supply of Waste Management Equipment

*To be filled by the Vendor (All fields marked with an '\*' are mandatory)*

## COMPANY INFORMATION

**UNGM Vendor ID Number\*:**

**Legal Company Name** (Not trade name or DBA name) \*:

**Company Contact \*:**

**Address \*:**

**City \*:**

**State:**

**Country \*:**

**Telephone Number \*:**

**Fax Number \*:**

**Email Address:**

**Company Website:**

We declare that our company fully meets the prerequisites A, B, C, D and E, for eligibility to register with the United Nations as outlined in the paragraph 1 of the RFI INSTRUCTIONS page.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name and Title: \_\_\_\_\_

**\*\* If not already registered with UN Procurement Division, please use the following URL to register at United Nations Global Marketplace (UNGM): [www.ungm.org](http://www.ungm.org).**

## 1) Registering as a Vendor with the United Nations

Vendors interested in fulfilling the requirement described above must be registered at the UN Global Marketplace ([www.ungm.org](http://www.ungm.org)) with the UN Secretariat in order to be eligible to participate in any solicitation. Information on the registration process can be found at <https://www.un.org/Depts/ptd/vendors>.

### Prerequisites for Eligibility

In order to be eligible for UN registration, you must declare that:

- A. Your company (as well as any parent, subsidiary or affiliate companies) is not listed in, or associated with a company or individual listed in:
  - I. the Compendium of United Nations Security Council Sanctions Lists (<https://www.un.org/sc/suborg/en/sanctions/un-sc-consolidated-list>), or
  - II. the IIC Oil for Food List website or, if listed on either, this has been disclosed to the United Nations Procurement Division in writing.
- B. Your company (as well as any parent, subsidiary or affiliate companies) is not currently removed or suspended by the United Nations or any other UN organisation (including the World Bank);
- C. Your company (as well as any parent, subsidiary or affiliate companies) is not under formal investigation, nor have been sanctioned within the preceding three (3) years, by any national authority of a United Nations Member State for engaging or having engaged in proscribed practices, including but not limited to: corruption, fraud, coercion, collusion, obstruction, or any other unethical practice;
- D. Your company has not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against your company that could impair your company's operations in the foreseeable future;
- E. Your company does not employ, or anticipate employing, any person(s) who is, or has been a UN staff member within the last year, if said UN staff member has or had prior professional dealings with the Vendor in his/her capacity as UN staff member within the last three years of service with the UN (in accordance with UN post-employment restrictions published in ST/SGB/2006/15).
- F. Your company undertakes not to engage in proscribed practices (including but not limited to: corruption, fraud, coercion, collusion, obstruction, or any other unethical practice), with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN.

**For Registered Vendors:** Vendors already registered at the UN Global Marketplace with the UN Secretariat must ensure that the information and documentation (e.g. financial statements, address, contact name, etc.) provided in connection with their registration are up to date in UNGM. Please verify and ensure that your company is registered under its full legal name.

**For Vendors Interested in Registration:** Vendors not yet registered should apply for registration on the United Nations Global Marketplace (<http://www.ungm.org>); information on the registration process can be found at <https://www.un.org/Depts/ptd/vendors>.

**IMPORTANT NOTICE:** Any false, incomplete or defective vendor registration may result in the rejection of the application or cancellation of an already existing registration.

## 2) RFI Process

Vendors interested in responding should forward their information (as requested in the RFI) to the United Nations Procurement Division (UNPD) by the closing date set forth in this RFI. *Due to the high volume of communications, UNPD is not in a position to issue confirmation of receipt of RFIs.*

Please note that no further details of the planned solicitation can be made available to the vendors prior to issuance of the solicitation documents.

This RFI is issued subject to the conditions contained in the RFI introductory page available at <https://www.un.org/Depts/ptd/rfi>.