

**REQUEST FOR INFORMATION (RFI)**

This notice is placed on behalf of UNESCAP. United Nations Procurement Division (UNPD) cannot provide any warranty, expressed or implied, as to the accuracy, reliability or completeness of contents of furnished information; and is unable to answer any enquiries regarding this RFI. You are therefore requested to direct all your queries to United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) using the fax number provided below.

Title of the RFI:

Request for Information for the Provision of Professional Services to develop a Digital Tool to Assist Local Governments in South-East Asia to Monitor and Visualize Plastic Waste Leakages into the Marine Environment

Date of this RFI: 11 March 2020**Closing Date for Receipt of RFI at PD:** 25 March 2020**RFI Number:** RFIUNESCAP269**Address RFI response by fax or e-mail to the Attention of:** Charles Hill, Procurement Officer,
UNESCAP**Fax Number:** +66 3 22881034**E-mail Address:** hill1@un.org**UNSPSC Code:** 43220000,43230000**DESCRIPTION OF REQUIREMENTS**

1. The United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP) is undergoing a new project aimed at reducing the environmental impact on cities in South East Asia of plastic waste pollution and leakage into the marine environment. The project will develop an innovative digital tool to assist local governments in South East Asia to monitor and visualize plastic waste leakage with a view to:

i) prevent this waste from entering water streams and the ocean; and ii) improve identification of waste generation hot spots and improve their management at the municipal level. The project is expected to be completed in March 2021.

2. In this regard, UNESCAP is exploring the global market, to assess availability of credible vendors who have the capability, experience and a sound technical team to provide professional services in developing the tool and supporting the capacities of four South East Asian cities, to be selected by UNESCAP, in applying the tool to support more sustainable and effective municipal solid waste management systems.

3. Interested vendors should share relevant documentation pertinent to the development of this tool with their response to this RFI and may be contacted to participate in a videoconference with UNESCAP to share information on different methodologies, approaches and technology options for the implementation of the project's objectives.

SPECIFIC REQUIREMENTS / INFORMATION (IF ANY)

The vendor will develop an Open Source Digital Tool (web-based software) that will visualize and map plastic waste flows and leakages through information captured by observational and/or geographic information system (GIS) technologies deployed in four South East Asian cities. The Vendor will be responsible for producing data for the tool through application of technologies, sound methodologies, as well as collecting any relevant publically available data for each of the four selected cities.

The tool will provide the evidence base for the planning of strategic investments and policy interventions that offer the greatest impact and feasibility for addressing plastic waste pollution into the ocean and/or adjacent riverine bodies. The contribution of the digital tool to the overall project will be to map the quantities, sources and pathways of plastic entering the ocean from waste generated from land-based sources, in this case urbanized areas, in order to produce plastic waste leakage maps and scenarios for each city.

The vendor will also support the development of appropriate guidance to local government on the application of the digital tool in four South East Asian cities (to be selected by UNESCAP) by providing consultancy services in support of training and other capacity development events and interventions which will result in the design of policy and investment measures with local government, business and consumers.

Based on the application of the digital tool, the four cities in South East Asian countries will develop policy and investment strategies in alignment with regional plans, namely the ASEAN Framework for Action on Marine Debris, to apply a circular economy approach in managing their plastic waste streams and consequently ensuring a healthy land and ocean environment. UNESCAP will leverage the outputs from the vendor and cities to support stronger local and national voluntary commitments to accelerate action on plastic waste pollution in South East Asia, including through relevant regional intergovernmental fora.

Vendors active in the areas of artificial intelligence and digital observation systems which can propose practical methodologies to visualize plastic material flows using technology such as 360-degree cameras, drones and GIS mapping technologies would be attractive. UNESCAP will be fully engaged with the Vendor selected for the digital tool development and application in cities to ensure that the results of the Contract could be later be used for the development of policy, planning and investment solutions to address plastic waste pollution in a wider set of cities in the Asia and Pacific region.

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: Charles Hill, Procurement Officer,
UNESCAP
Email: hill1@un.org
FAX: +66 3 22881034

RFI Number:

FROM:

SUBJECT: Request for Information for the Provision of Professional Services to develop a Digital Tool to Assist Local Governments in South-East Asia to Monitor and Visualize Plastic Waste Leakages into the Marine Environment

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:
Postal Code*:	
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.unqm.org.**

RFI INSTRUCTIONS

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) 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 United Nations **Economic and Social Commission for Asia and the Pacific (UNESCAP)** (UNESCAP) by the closing date set forth in this RFI. *Due to the high volume of communications, UNESCAP 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>.

