

Announcement – Call for Interest

As an international cooperation enterprise with worldwide operations, the German government owned Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH operates on behalf of German ministries, the governments of other countries and international clients to provide tailor-made, cost-efficient and effective services for sustainable development. We are looking for **experts/consultants (Legal entity - Company/ Organization/ University/ Institute)** to provide consultancy service to conduct a **study on pre-conditions for a Deposit Return System (DRS) based on reverse vending machines in Bangkok, Thailand for Collaborative Action for Single-Use Plastic Prevention in Southeast Asia (CAP SEA).**

Study on pre-conditions for a DRS based on reverse vending machines in Bangkok, Thailand

GIZ supports the German Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV) initiative to introduce environmental and climate protection technologies in partner countries to protect the environment, improve resource efficiency and reduce greenhouse gas emissions. The Collaborative Action for Single-Use Plastic Prevention in Southeast Asia (CAP SEA) project is part of a global project “Export Initiative Environmental Protection” implemented in Thailand and Malaysia. The project’s objective is to support partner countries in preventing Single-Use Plastics. The project employs a blended approach, consisting of policy advice on circular economy approaches, capacity development for key stakeholders and local government pilot activities. For Thailand component, the project intends to work with the Bangkok Metropolitan Administration (BMA) with the aim to reduce the burden on the city of Bangkok in managing and reducing plastic waste at its source and during consumption.

In this regard, the project would like to hire a team of experts/consultants to conduct a study on pre-conditions for a DRS based on reverse vending machines in Bangkok to work out for the BMA what the conditions are under which such a system could be established.

Description of Assignment:

The study is expected to carry out in close collaboration with the project team (BMA and GIZ) and the Öko-Institut e.V., who will provide a technical and methodological backstopping for the contracted consultancy. The main responsibility of completing the tasks in high quality lies with the contracted consultancy.

The consultants are responsible for completing the following tasks.

1. Review DRS implementation schemes
 - a. General concept of DRS and its elements e.g., rational, design, flows/steps
 - b. Different DRS schemes, with and without EPR scheme
 - c. Experimental examples at the city level including lesson learned to be considered
 - d. Success factors for practical implementation of DRS at the city
 - e. Overview of BMA’s situation on plastic waste and plastic packaging management

2. Assess/benchmark against the DRS success factors and evaluate the impacts of the proposed scheme
3. Suggestion for feasible pre-condition DRS scheme for BMA
 - a. Present the findings and draft of the pre-study to discuss with invited stakeholders (e.g., FTI, retailers, plastic producers, PCD, etc.) by arranging the consultation workshop/dialogue.

Please note that the project will provide a TOR briefing to candidates to clarify details of the assignment before opening for offers.

Qualifications:

The consultancy is expected to provide a list of experts who will work in this assignment. The consultancy should clearly demonstrate the team of experts fulfil all the below mentioned qualification and skills:

Expert 1: A Senior expert

- **Education/training:** University qualification in engineering, environmental management, economics, Business management or comparable, experience in the whole value chain of packaging & plastic sector
- **Language:** Proficiency in English and Thai (written and spoken English)
- **General professional experience:** 10 years' experience in innovative waste management and technology
- **Specific professional experience:** 5 years' experience in whole value chain of plastic packaging and plastic sector
- **Leadership/management experience:** 5 years' experience in leading similar projects
- **Regional experience:** Not applicable
- **Development Cooperation (DC) experience:** 2 years extensive experience in implementing collaboration projects
- **Other:** Stakeholder's engagement and a wide network/contact in the waste prevention stakeholder landscape in Thailand

Expert 2: A Junior expert

- **Education/training:** Bachelor's degree in the field of environmental management, economics, finance, business management or equivalent
- **Language:** Good business language skills in in English and Thai language
- **General professional experience:** 5 years' experience in waste management and technology
- **Specific professional experience:** 2 years' experience in plastic waste and packaging
- **Leadership/management experience:** Not applicable
- **Regional experience:** Not applicable
- **Development Cooperation (DC) experience:** Not applicable
- **Other:** Stakeholder's engagement and a wide network/contact in the waste prevention stakeholder landscape in Thailand

This will be an assignment-based contract, with a period of 11 months from March 2024 to January 2025 tentatively, with possibility to change period in case delay of tender process.

If you are interested, please confirm your interest via email to TH_Quotation@giz.de within **21 February 2024**. Kindly put **email Subject: “Call for Interest 83458332”** and attach your company profile, copy of company registration and expert CVs.

Tender bidding process will be carried out after the Call for Interest. Invitation for Bidding will be sent out by third week of February 2024. TOR briefing to candidates to clarify details of the assignment will be organized after sent out invitation.

GIZ Office Bangkok