**TERMS OF REFERENCE**

Title: Development of an Action Plan for plastic reduction in the fishery sector

Type of Contract: National Consultant

Duty Station: Hanoi, and travels on sites

Duration: 20 days from September to November 2020

Reporting: Programme Officer on Waste and Chemicals, UNDP Viet Nam

1. **Background**

The United Nations Development Programme (UNDP) works to eradicate poverty while protecting the planet. Since 1978, UNDP has been working closely with the Government and other partners to expand the choices for people and ensure that everyone has equal access to opportunities to realise their full potentials. Viet Nam’s SEDP 2016-2020 aspires to build an inclusive and sustainable development model balancing economic, social and environmental imperatives, so all citizens benefit from development gains.

UNDP Country Programme Document (CPD) 2017-2021 provides a solid framework for UNDP’s support to the Government to address some key development challenges, especially in the areas of natural resources management and climate change.

The Climate Change and Environment Unit aims to help Viet Nam accelerate its transition to sustainable development and green growth while enhancing adaptation and resilience to climate change and natural disasters. It supports the country to be more effective in managing and protecting valuable natural resources and biodiversity and mainstreaming the circular economy approach in Viet Nam’s development plans.

Waste management has become a significant concern in Viet Nam, as waste generation is increasing at an unprecedented pace and is projected to triple over the next 15 years. Currently, the country does not have the capacity to effectively handle this waste: 70% is disposed of in landfills where the implementation of environmental standards is limited; while the rest is burned or discarded in nature, with much of it eventually ending up into the sea. The complex structure of solid waste management at the policy and governance level, together with the lack of reliable data and poor regional coordination worsen the situation. Citizens and businesses are not generally aware of the negative impacts improper waste management causes on human health, in addition to soil, air and water pollution; which calls for increased investment in education.

Plastic use is expected to reach unprecedented levels in the coming decades, doubling within 15 years and more than quadruple by 2050. Moreover, the petrochemical industry’s demand for oil is expected to accelerate and reach over half of global oil consumption growth by 2040. 80 percent of plastic found in the ocean originates from land-based sources, and 8 million tons of plastic enter the sea every year. Plastic waste poses high risks to aquatic life, with serious consequences for the ocean ecosystem and the sustainability of fisheries.

Four ASEAN member countries (Viet Nam, Indonesia, Thailand, and the Philippines) are responsible, with China, for 60 percent of the plastic discharged into the ocean every year (Ocean Conservancy, 2015). These countries are indeed large plastic producers and importers, but they also possess limited waste management systems, leading to leakage of plastics into the environment. Constraints to effective implementation of such waste systems include rapid urbanisation, population growth, and increase in per capita income leading to increased consumption; alongside lack of environmental awareness. However, the topic of plastic pollution is gaining momentum, and ASEAN member countries endorsed in June 2019, the Bangkok Declaration on Combating Marine Debris in the ASEAN region.

In December 2019, Prime Minister Nguyen Xuan Phuc issued a National Action Plan on Marine Plastic Debris Management. The plan sets the target of reducing marine plastic litter by 75% ; collect 100% of abandoned, lost, or discarded fishing gears, and put an end to disposal of fishing gear in the sea; prevent the use of single-use plastics and non-biodegradable plastic bags in 100% of coastal tourism areas, tourist attractions, tourist accommodations, and other seaside tourism services; and strive for 100% of marine protected areas to be free of plastic litter, by 2030.

On 20 August 2020, The Prime Minister has issued Directive 33/CT-TTg on strengthening the management, reuse, recycling, treatment and reduction of plastic waste. The PM instructed ministries, branches and localities to issue directives and plans to reduce and recycle plastic waste no later than October 30; as well as to minimise the use of disposable plastic products, and prioritise the selection of recycled and environmentally friendly products.

The Ministry of Agriculture and Rural Development assigned VIFEP to perform the following task: “Investigation and assessment of the impact of plastic litter in agricultural production activities on the environment and propose solutions to control environmental pollution caused by plastic litter (with a focus on fisheries sector)”.

The fishery sector employs 4 million persons in Viet Nam, almost 100,000 boats, yield production of 8.15 million MT in 2019 and is expected to reach $10 billion value in exports this year. Over the past 10 years, it grew at a rapid rate of 5-6%. Yet, the fisheries sector is extremely reliant on plastic leading to an increase in plastic use and plastic waste, leading to disastrous consequences for marine ecosystems, marine mammals, and the overall communities living in coastal areas.

UNDP Viet Nam is looking for a National Consultant to support the Viet Nam’s Institute of Fishery Economics and Planning (VIFEP) (who acts as the focal point under MARD) to develop the plan in the fishery sector. UNDP and VIFEP are looking for an NC with extensive knowledge of the fishery sector and experience in policy formulation to contribute to the formulation of this plan.

1. **Objective**

The main objective of this assignment is to support UNDP and VIFEP in formulating a plan following Directive 33/CT-TTg on strengthening the management, reuse, recycling, treatment and reduction of plastic waste in the fishery sector.

1. **Scope of work and responsibilities**

The NC will work under the supervision of the Programme Analyst – Chemicals/ Waste and VIFEP. The multi-disciplinary nature of this assignment will require tight coordination with the other sectors and consultants at UNDP, simultaneously undertaking tasks and completing deliverables, as follow. The National Consultant is expected to deliver as follow:

* Map and analyse successful cases studies of reducing plastic litter in the fishery sector in Viet Nam; as well as in ASEAN countries with support from UNDP international consultant.
* Identify the current policies governing waste management in the aquaculture and fishery sectors. Assess the impact of the EU Trade Agreement on the requirements for reducing plastic in the fishery/aquaculture sector.
* Based on the recent survey undertaken and by VIFEP, research carried out by IDH, IUCN and other related development agencies, and other available source of information, provide analysis and assessment on:
	+ Use of plastic in the fishery and aquaculture in Viet Nam. Indicate the type of materials and their usage (e.g.: boat construction, boat maintenance, fishing gears, fish crates, nets, avoidance devices, seafood packaging, etc)
	+ Primary sources of plastic pollution, quantity and typology of plastic items (e.g.: PP, PE, PVC) most commonly discarded.
	+ Identify waste management systems, (if any), to collect, dispose, and recycle plastic in fishery sector.
* Draft a plan for plastic reduction in the fishery sector with proposed baseline, indicator, target, means of verification and priority activities to achieve the target.
* Participate in 03 half day meetings, 01 full day workshop in Hanoi held by UNDP and VIFEP
* Based on the comments and feedback provided, revise the draft of the plan and develop final report.
1. **Duration of the assignment**

The estimated duration of the assignment is 20 days for the consultant between September and November 2020. The consultant is expected to be home-based with meeting, workshop in Hanoi. Travel outside Hanoi if occurs, will be requested and paid by UNDP separately.

1. **Deliverables and key milestones**

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| No | Expected results | Days | Timeline |
| 1 | Review and assessment report on plastic waste in fishery sector and First draft of the Action Plan on plastic reduction in the fishery sector  | 15 | 15/10/2020 |
| 2 | Final and Action Plan on plastic reduction in the fishery sector and final report of the assignment (English and Vietnamese) | 05 |  30/11/2020 |

1. **Qualifications and work experience**

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| **National Consultant -** Qualification related to the services |
| 1         | Master degree in natural sciences, environmental economics, fishery, agriculture or related field | 200 |
| 2 | Ten years of relevant professional experience in the fishery sector | 250 |
| 3 | Excellent skills in policy formulation, qualitative and quantitative research | 150 |
| 4 | Proven knowledge and familiarity with environmental policies in Viet Nam  | 150 |
| 5 | Good relationships and proven experience working with MARD and D-FISH is an asset | 100 |
| 6 | Excellent communication skills, including strong ability in English  | 150 |
| **Total** |  |  |  | **1000** |

1. **Payment Terms**

50% of the payment will be made upon reception of Deliverable 1

50% of the payment will be made upon reception of final report (deliverable 2)

1. **Consultant presence required on the duty station**

Partial