

## **SPECIFIC TERMS OF REFERENCE**

### **PRE-IDENTIFICATION OF A NATIONAL SUPPORT PROGRAMME ON REDUCTION OF PLASTIC WASTE AND MARINE LITTER IN THE PHILIPPINES**

#### **FWC SIEA 2018 – LOT 1 SUSTAINABLE MANAGEMENT OF NATURAL RESOURCES AND RESILIENCE**

**EuropeAid/138778/DH/SER/multi  
Request for Services n. 2018/398144/1**

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- Profile per expert or expertise required:
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  - Education
  - Experience
  - Language skills
- Management team member presence required or not for briefing and/or debriefing

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## 1. BACKGROUND

The transition to a circular economy, where the value of products, materials and resources is maintained in the economy for as long as possible, and the generation of waste minimised, is an essential contribution to develop a sustainable, low carbon, resource efficient and competitive economy. Such transition is an opportunity to transform economies and generate new and sustainable competitive advantages. The circular economy can boost competitiveness by protecting businesses against scarcity of resources and volatile prices, it can help create new business opportunities and innovative, more efficient ways of producing and consuming. It also helps create local jobs at all skills levels and opportunities for social integration and cohesion. At the same time, it saves energy and helps avoid the irreversible damages caused by using up resources at a rate that exceeds the Earth's capacity to renew them. An important wider benefit of the circular economy is the lowering carbon dioxide emissions levels (e.g more than 90% of plastics are produced from fossil fuels feedstock).

A number of sectors face specific challenges in the context of the circular economy, because of the specificities of their products or value-chains and their environmental footprint. Plastics is one of them. The proliferation of plastic litter has become a major issue of concern notably in Asia, the latter contributing to a sheer proportion of global plastic waste. Approximately 80% of marine litter comes from plastics. Current estimates indicate that more than 8 million tonnes of plastic end up in the ocean every year, impacting ecosystems, killing millions of sea birds, sea mammals and fish negatively affecting the ocean food chain. It is projected that at current rates by 2050 oceans will contain more plastic than fish by weight. The 2030 Sustainable Development Goals include a target to prevent and significantly reduce marine pollution of all kinds, including marine litter. Building on the international momentum to take action on the issue of plastic litter the European Union has developed a plastics strategy which was adopted in January 2018 and which intends to tackle the interrelated problems of fossil feedstock dependence, recycling and reuse and plastics leakage into the environment.

A combination of inadequate waste management systems and cultural issues result in a large fraction of the plastic that is being used in the society to end up in the environment and ultimately being transported via rivers into the ocean. Poor practices of solid waste management, lack of infrastructure and a lack of awareness of the public at large about the consequences of plastic pollution further aggravate the situation. Marine litter and excessive plastics in the environment are clear symbols of resource inefficient economies. The solution is to tackle the problem at its source. Valuable materials are polluting beaches and damaging the environment instead of being pumped back into our economy. Therefore, a circular economy approach which puts emphasis on preventing waste and on recycling and reuse of materials and products is the best solution to the marine litter problem. The Philippines ranks as the third world's largest source of marine plastic debris after China and Indonesia. Other ASEAN countries like Thailand and Vietnam also list among of the world's biggest contributors of ocean plastic waste. The problem is expected to worsen as ASEAN countries' growing economies lead to rising incomes and exploding demand for consumer products.

There is an urgent need to help the Philippines better manage its plastic waste and develop a framework that can help capture the value of plastics while reducing massive inputs of plastic waste into the ocean. A creation of a shift in mindset that sees waste as valuable materials can help set the conditions for extended producer responsibility (EPR) and the creation of potential avenues for job creation and business opportunities in the waste management, collection and recycling industries of single-use plastics. This Request for Services is intended to support this process through an identification of a strategy of intervention for the EU Delegation in the Philippines in the area of waste management (with special focus on the management of plastics waste) as an entry point to a transition to a greener and more circular economy.

## 2. DESCRIPTION OF THE ASSIGNMENT

### *Global Objective*

Strengthening awareness and application of circular economy principles and practices in the Philippines.

*Specific Objective(s)*

1. Design of a strategy founded on circular economy principles promoting resources efficiency, recycling, improved waste management and jobs creation and leading to a progressive and measurable reduction of plastic waste entering the marine environment.
2. Pre-identification of a plastics waste management national support programme for the Philippines to be implemented through suitable cooperation modality. The programme should foresee a phased approach through implementation of pilot projects.

*Requested Service, including suggested methodology*

Under the current Request for Services a team of two experts will be tasked to carry out the following :

- Analyse state of play of plastics waste management in the Philippines, review existing legislation. To the best extent possible meet national and regional authorities responsible for regulating plastic production, plastic waste collection and recycling and review current progress in the area of sustainable waste management.
- Conduct an analysis of key stakeholders and target groups, identify comparative institutional and individual capacities, their potential roles, mandates, expected level of ownership and commitment and the degree and nature of their involvement. Considerations will be given of the stakeholders' geographical location within the Philippines and viability of engagement. Stakeholders and interlocutors should also include organisations and community groups such as NGOs, businesses, consumer and environmental associations, marine aquaculture, fishing and tourism sector actors etc...as appropriate.
- Identify needs and challenges in the waste management sector (with focus on plastics). Identify scope for synergies and complementarity with work conducted or planned by other international donors. Assess scope for advancement of lessons learned from the implementation of the EU Circular Economy Action Plan in Europe for the Philippines and options for sharing best practices from European businesses in the area of circular economy with focus on improving plastics waste management and reduction of plastic waste impact on the marine environment.
- Identify niche areas of comparative advantage for the EU to lead in areas of plastic management and circular economy in the Philippines
- Prepare a Strategic Assessment for an improved plastics waste management system applicable to the Philippines and a draft strategy of cooperation between the EU Delegation and the Government of the Philippines according to a suitable and potentially favoured partnership modality by the Government.
- Define the general content of a possible future national EU support project, its structure, modality of implementation, key activities, expected outcomes and estimated budget. Justify how individual activities and results will contribute to achieving the project's overall objective and how these will contribute to strengthen the principles of the EU Circular Economy Action Plan and plastics strategy by tangibly improving the situation of plastic pollution in the Philippines.
- Identify and justify the most relevant and acceptable implementation modality of prospective/potential future EU support on circular economy and plastic waste management in the Philippines. Information on options for engagement in the Philippines for the EU Delegation within the framework of current cooperation relationship with the Government will be provided at the briefing session.
- Review current policy and Government's programming framework in the waste management sector with focus on plastics management, take stock of ongoing initiatives, assess experience and lessons learnt in the Philippines through key Government, private sector programmes and actions supported by international development partners and donors.

- Analyse the risks that may negatively impact possible future EU support in the Philippines in the area of circular economy and marine plastic waste including risk management and identification of mitigation strategies.
- Definition of a baseline data criteria allowing for progress and impact of a potential EU national support on circular economy and marine plastic waste to be measured against a set of defined outcomes and indicators
- Conduct an assessment of the financial and economic sustainability of a prospective future project (including possible other sources of funding)

The assignment will include briefing/de-briefing meetings at the EU Delegation in Manila.

The following interlocutors should be consulted during the course of the mission (the list is indicative). Consultation with European Commission Services can be conducted via video conferencing and facilitated by the EU Delegation to the Philippines:

- Department of Environment and Natural Resources of the Philippines
- National Solid Waste Management Commission of the Philippines
- Philippines Climate Change Commission
- Department of Foreign Affairs of the Philippines
- Natural Resources Management Corporation of the Philippines
- Relevant Local Government offices
- Relevant Private Sector entities
- Relevant Civil Society Organisations
- EU Delegation to the Philippines
- European Commission (DG ENV, DG MARE, DG GROW, FPI, DG DEVCO)
- European Chamber of Commerce of the Philippines
- EU SWITCH-Asia SCP Facility (Bangkok)
- Relevant EU Member States Embassies in the Philippines
- Relevant donors and implementing partners

The contractor will need to include in his offer an Organisation and Methodology which would need to include a description of the services offered.

The assignment will generate outputs in support to the achievement of the above objectives that will enable the European Commission and the European External Action Service (EEAS) to consider subsequent full-scale identification and formulation of a national project on circular economy and marine litter. The consultancy is expected to take stock of former work (Needs Assessment & Formulation) conducted in July 2017 as part of EU-funded preparatory work for a forthcoming circular economy regional project (managed by EU Headquarters and under final stages of preparation) The Needs Assessment was a regional initiative with a Philippines component and it was funded under the Framework Contract Beneficiaries 2013, Lot 6 – Environment, Specific Contract No. 2016/383013 : *'Formulation of EU-funded action on Circular Economy 'Towards a global partnership on reducing plastic waste and marine litter'*. Copy of the final report will be provided to the experts.

#### *Required outputs*

The assignment will generate two outputs in the form of two hardcopy and softcopy reports :

1) **A strategic assessment** for improved plastics waste management in the Philippines developed around circular economy principles. This document is intended primarily for the Government of the Philippines.

2) **An intervention strategy** for the EU Delegation to the Philippines (pre-identification report, including a broad budget analysis) for a national support programme on circular economy and marine plastics to be implemented through suitable cooperation modality and linked to the strategic assessment 1).

*Language of the Specific Contract*

The language of the contract is English.

3. EXPERTS PROFILE or EXPERTISE REQUIRED

*Number of requested experts per category and number of man-days per expert or per category*

1) One Category I expert for 45 man-days (Environmental economist or Circular Economy specialist / Team Leader)

2) One Category I expert for 45 man-days (Plastic waste management specialist)

Both experts must possess proven excellent report writing and communication skills and must be able to work effectively with government officials at senior level, civil society organizations and private sector actors. Both are expected to be familiar with the principles of the Circular Economy and environmental aspects linked to plastics waste management and marine pollution. Previous relevant experience in the Philippines and/or Indonesia and/or China will be considered an advantage

*Profile per expert or expertise required:*

**Expert 1**

- Category and duration of equivalent experience

**Team Leader (Environmental Economist or Circular Economy Specialist - Category I)**

The team leader will be responsible for overall planning, implementation, co-ordination and for producing and presenting the outputs.

- Education

Master's Degree in Environmental Economics or related discipline. In the absence of a Master's Degree, equivalent professional experience above the Experience requirements listed underneath will be considered. PhD Degree will be considered an advantage.

- Experience

- At least 12 years of relevant experience in the sector(s) related to Lot 1 and pertinent to the objectives of this Request for Services.
- At least 8 years of professional experience in managing projects in the field of waste management, and marine litter/marine pollution.
- Familiarity with ASEAN waste management and environmental policy
- Solid understanding of the circular economy concept. Previous engagement with projects addressing Circular Economy and plastics will be considered an advantage.
- Familiarity with EU-ASEAN relations and EU development cooperation methods and programming procedures.
- 3 missions ideally of 1-3 months duration leading to project design/identification and formulation in the area of waste management or marine litter, marine pollution, plastic management or related topic.
- Expertise in stakeholders' analysis, project design and logical framework.
- Strong presentation, organizational, reporting and communication skills

- Language skills

- Excellent command of English is required, both written and spoken.
- Experience in communication, negotiation and dialogue at high level

## **Expert 2**

- Category and duration of equivalent experience

### **Plastic waste management specialist (Category I)**

- Education

Master's Degree in Environmental Sciences or related discipline. In the absence of a Master's Degree, equivalent professional experience above the Experience requirements listed underneath will be considered. PhD Degree will be considered an advantage.

- Experience

- At least 12 years of relevant experience in the sector(s) related to Lot 1 and pertinent to the objectives of this Request for Services.
- At least 8 years of professional experience in the field of waste management and/or marine pollution
- At least 6 years of professional experience in the field of plastic waste management in the context of circular economy.
- Familiarity with the European Union Circular economy Action Plan and the EU Plastic Strategy
- Experience with EU-ASEAN relations and EU development cooperation methods and programming procedures is essential
- Expertise in problem analysis, stakeholders' analysis and project design and logical framework

- Language skills

- Excellent command of English is required, both written and spoken.

*Management team member presence required or not for briefing and/or debriefing*

Not required

## 4. LOCATION AND DURATION

### *Starting period*

The mobilisation of the experts to the Philippines is estimated to take place on 15 July 2018 (in case of international experts). A kick-off briefing at the EU Delegation will take place on Monday, 16<sup>th</sup> of July 2018.

### *Foreseen finishing period or duration*

The duration of the assignment will be of 76 calendar days, with a total number of 45 man-days of intellectual input per expert.

*Planning including the period for notification for placement of the staff as per art 16.4 a)*

Please refer to Table 1 over the next page for detailed planning

Table 1: Indicative calendar of activities

<b>Tasks</b>	<b>Indicative dates</b>
Period of notification for staff placement	4 – 13 July 2018
Mobilisation of experts to the Philippines	15 July 2018
Briefing at EU Delegation	16 July 2018
Pre-identification mission to include desk study, site visits, interviews, meetings, data analysis, focused group discussions, compilation of data and feedback from stakeholders, preparation of reports etc...	16 July – 7 September 2018
Submission of draft reports to the EU Delegation by email, debriefing and departure of the team to home base	7 September 2018
Review of draft report by EU Delegation and stakeholders	7 – 21 September 2018
Feedback/comments on the report by the EU Delegation + stakeholders sent to experts	21 September 2018
Review/consolidation of final report by the experts incorporating comments by stakeholders (home-based)	24 – 28 September
Submission of final report by email / end of assignment	28 September 2018
Official submission of final report in hardcopy by Framework Contractor and contract closure	October 2018
<i>TOTAL WORKING DAYS</i>	<b>Expert 1 : 45</b> <b>Expert 2 : 45</b>
<i>TOTAL INDICATIVE NUMBER OF PER-DIEMS</i>	<b>Expert 1 : 54</b> <b>Expert 2 : 54</b>

*Location(s) of assignment*

The primary location of the assignment will be Manila, Philippines. Local travel within the Philippines to conduct meetings with relevant stakeholders and/or visiting field operations and relevant establishments may be required.

## 5. REPORTING

*Content*

As indicated at page 4 - Required Outputs - the draft and final reports should comprise two elements :

- 1) **A strategic assessment** for improved plastics waste management in the Philippines developed around circular economy principles, and
- 2) **An intervention strategy** in the form of a pre-identification report for a national support programme to be implemented through suitable modality of intervention and linked to the strategic assessment.

*Language*

English (EN)

*Submission/comments timing*

Indicative submission schedule is indicated in Table 1. All outputs shall be in English and contain the following reference: “This report was prepared with the financial support of the European Commission. The opinions expressed therein are those of the authors and not necessarily those of the European Commission”

### *Number of report(s) copies*

All reports will be delivered to the EU Delegation's Officer in charge of the assignment in electronic form (e-mail and/or CD-ROM). The final reports shall also be submitted in hardcopy (3 copies each).

## 6. INCIDENTAL EXPENDITURE

The following items can be covered under incidental expenditure. The list is indicative as not all items may be needed by the experts during the course of the mission.

- Per diems
- Mobilisation and de-mobilisation travel costs Home Base - Manila
- Local air travel within the Philippines/ASEAN (if required)
- Local secretarial/local mission assistant and support services (lumpsum)
- Meetings or workshop-type event (if needed)
- Others (Contingencies, translation/interpretation if needed, costs of report printing)

Intra-city travel is covered by the per diem which also covers accommodation and meals.

No equipment can be purchased under the assignment.

There is no agreement between the European Union and the Republic of the Philippines by which taxes are partially or fully exonerate. Pursuant to Section 2. Request for Services of the Guidelines for the use of the Framework Contract SIEA 2018, the local taxes paid on eligible incidental expenditure under the Specific Contract shall be paid in full.

## 7. MONITORING AND EVALUATION

### *Definition of indicators*

The monitoring and evaluation of the project is judged from the quality outputs produced, i.e. the Strategic Assessment and Pre-identification reports.