

Terms of Reference



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GENERAL INFORMATION

Title: Consultant for Marine Pollution

Project Name: ATSEA Phase 2

Reports to: NRM Programme Manager

Duty Station: Home Based

Expected Places of Travel (if applicable): Refers to UNDP rules and regulations if there are unforeseen travels

Duration of Assignment: 75 working days within October 2019 – February 2020

REQUIRED DOCUMENT FROM HIRING UNIT

	TERMS OF REFERENCE
4	CONFIRMATION OF CATEGORY OF LOCAL CONSULTANT, please select:
	(1) Junior Consultant
	(2) Support Consultant
	(3) Support Specialist
	(4) Senior Specialist
	(5) Expert/ Advisor
	CATEGORY OF INTERNATIONAL CONSULTANT, please select:
	(6) Junior Specialist
	(7) Specialist
	(8) Senior Specialist
	APPROVED e-requisition

REQUIRED DOCUMENTATION FROM CONSULTANT

X	P11
X	Copy of education certificate
X	Completed financial proposal
X	Completed technical proposal (if applicable)

Need for presence of IC consultant in office:

☒ partial

☐ intermittent (explain)

☐ full time/office based

Provision of Support Services:

Office space: ☐ Yes ☒ No

Equipment (laptop etc): ☐ Yes ☒ No

Secretarial Services: ☐ Yes ☒ No

If yes has been checked, indicate here who will be responsible for providing the support services:

Head of Democratic Governance and Poverty Reduction Unit (DGPRU), Mr. Siprianus Bate Soro.

Name: Iwan Kurniawan

Title: NRM Programme Manager

Signature: _____

I. BACKGROUND

The Arafura and Timor Seas (ATS) is part of the North Australian Shelf large marine ecosystem (LME), which is a tropical sea lying between the Pacific and Indian Oceans and extending from the Timor Sea to the Torres Strait and including the Arafura Sea and Gulf of Carpentaria. The region is adjacent to the Coral Triangle¹, which hosts the world's highest marine biodiversity and contains some of the most pristine and highly threatened coastal and marine ecosystems. At the regional scale, the ecosystems of the ATS play an important economic and ecological role in the littoral nations bordering the Arafura and Timor Sea: Indonesia, Timor-Leste, Australia, and Papua New Guinea.

The marine environment in the ATS region is in serious decline, primarily as a result of overharvesting and other direct and indirect impacts of anthropogenic stresses and global climatic changes. Fisheries in the ATS region represent an extremely complex productive, socioeconomic sector, with multiple actors, target species sought, and technology used. The main characteristics of depletion of shared ATS transboundary stocks by fishery were assessed as part of the ATS transboundary diagnostic analysis (TDA) in 2012. In addition to climate change, unsustainable harvesting, illegal unreported unregulated (IUU) fishing, and bycatch are having significant impacts on the populations of key marine species in the ATS region, particularly globally threatened coastal marine megafauna including migratory, rare, and threatened species of turtles, dugongs, seabirds/shorebirds, sea snakes, cetaceans, sharks and rays. Lastly, potential sources of marine pollution in the ATS region include marine debris, marine based pollution from oil and gas activities, as well as waste from fishing and shipping vessels.

This project will covers the five priority transboundary environmental problems identified by the TDA: (i) unsustainable fisheries and decline and loss of living coastal and marine resources; (ii) modification, degradation and loss of coastal and marine habitats; (iii) marine and land-based pollution; (iv) the decline and loss of threatened and migratory species; and (v) impacts of climate change on the ATS

This project is building upon the foundational results realized in the first phase of the ATSEA program, which applied the tried and tested GEF International Waters focal area approach, starting with a participatory transboundary diagnostic analysis (TDA) and followed by development of a regional strategic action program (SAP) and national action programs (NAPs). This second phase of the ATSEA program, is designed to support the initial implementation of the ATS SAP, endorsed through Ministerial Declaration in 2014.

II. SCOPE OF WORK, ACTIVITIES, AND DELIVERABLES

Scope of Work

The Marine pollution Specialist will responsible to identified hot spot of marine pollution in ATS, identified level of awareness and understanding in Marine pollution issues, gap analysis of marine pollution regulation and policy. The consultant also analyze and evaluate the potential impact of economic and social aspect from oil spill in Timor Seas.

The main key responsibilities for this position, include:

1. Identified data and information for Marine pollution Hot spot in Arafura and Timor Seas (ATS) from land based and ocean based (fisheries, cruise and tourism)
2. Identified level of understanding and awareness from key stakeholder to reduce marine pollution in ATS
3. Gap analysis of national and local regulations to control marine and land-based pollution
4. Analyzing and evaluating the potential impact loss from economic and social aspect from oil spill in Timor Seas to biodiversity, fisheries, tourism

¹ The Coral Triangle is a marine area located in the western Pacific Ocean, and including the waters of Indonesia, Malaysia, the Philippines, Papua New Guinea, Timor-Leste and Solomon Islands.

Expected Outputs and deliverables

The specific outputs/deliverables expected from the Marine pollution Specialist are the following:

Deliverables	Estimated number of working days	Completion deadline	Review and Approvals Required
1 st Payment will be made upon the submission and approval of following outputs: <ul style="list-style-type: none">Conduct desk research report that consist reference data and information related to Marine pollution in ATS include oil spill, ocean plastic and ghost net	15 wds	30 October 2019	National Project Director of ATSEA-2 and NRM Programme Manager
2 nd Payment will be made upon the submission and approval of following outputs: <ul style="list-style-type: none">Field report for Identified data and information for Marine pollution Hot spot in Timor seas from land based and ocean based (fisheries, cruise and tourism)Field report for Identified level of understanding and awareness from key stakeholder to reduce marine pollution in Timor Seas	15 wds	30 November 2019	National Project Director of ATSEA-2 and NRM Programme Manager
3 th Payment will be made upon the submission and approval of following outputs: <ul style="list-style-type: none">Field report for Identified data and information for Marine pollution Hot spot in Arafura seas from land based and ocean based (fisheries, cruise and tourism)Field report for Identified level of understanding and awareness from key stakeholder to reduce marine pollution in Arafura SeaInitial report for Gap analysis of national and local regulations to control marine and land-based pollution	15 wds	30 December 2019	National Project Director of ATSEA-2 and NRM Programme Manager
4 th Payment will be made upon the submission and approval of following outputs: <ul style="list-style-type: none">Final report for Identified data and information for Marine pollution Hot spot in Arafura and Timor sea from land based and ocean based (fisheries, cruise and tourism)Final report for Identified level of understanding and awareness from key stakeholder to reduce marine pollution in Arafura and Timor SeaFinal report for Gap analysis of national and local regulations to control marine and land-based pollution	15 wds	31 January 2020	National Project Director of ATSEA-2 and NRM Programme Manager
5 th Payment will be made upon the submission and approval of following outputs: <ul style="list-style-type: none">Final report for Analyzing and evaluating the potential impact of economic and social aspect from oil spill in Timor Seas to biodiversity, fisheries, tourism	15 wds	28 February 2020	National Project Director of ATSEA-2 and NRM Programme Manager

III. WORKING ARRANGEMENTS

Institutional Arrangement

The IC will be reporting to NRM Programme manager in seeking approval and acceptance of the above-mentioned outputs, upon securing endorsements from National Project Director (NPD) ATSEA-2. The IC is expected to be in regular contact with National Project Coordinator (NPC) ATSEA-2 and update and report on his/her progress on a weekly basis.

Duration of the Work

Expected duration of work is from October 2019 – 28 February 2020 for 75 working days. The IC is expected to support the deliverables on a part-time basis.

Duty Station

The IC will be home based with regular coordination with NPD and NCU in Jakarta

Travel Plan

Travel will be arranged by Hiring Unit which refers to UNDP rules and regulations if Consultant is requested to travel outside Jakarta.

IV. REQUIREMENTS FOR EXPERIENCE AND QUALIFICATIONS

Academic Qualifications:

- Advanced university degree (Master's degree or equivalent) in Marine science, anthropology environmental engineering , social science or equivalent relevant works. A first-level university degree in combination with ten additional years of qualifying experience may be accepted in lieu of the advanced university degree.

Minimum experience requirement:

- At least 5 years experiences in marine pollution or marine debris;
- Experience in engaging government and community to support field assessment and Technical assistance
- Experience working in issues related to oil spill and environment economic assesment are strongly desired;
- Proven track record in coordination and working with ministries to align priorities with the national planning document;
- Maturity and confidence in dealing with senior and high-ranking members of national and local institutions, government and non-government;
- Cultural sensitivity to work in multicultural, multi-ethnic environment;
- Experience in producing high quality reports;
- Familiarity with government bureaucracy and oil and gas company in Timor seas.

Language Requirements:

- Fluency in English with excellent written communication skills, and strong experience writing reports is required;
- Excellent written and spoken skills in Indonesian.

Competencies and special skills requirement:

- Strong leadership and good communication skills;
- Strong analytical, reporting and writing skills;
- Openness to change and ability to receive/integrate feedback;
- Ability to plan, organize, implement and report on work;

- Ability to work under pressure and tight deadlines;
- Proficiency in the use of office IT applications and internet in conducting research;
- Good presentation and facilitation skills.
- Demonstrates integrity and ethical standards;
- Positive, constructive attitude to work;
- Displays cultural, gender, religion, race, nationality and age sensitivity and adaptability;
- Strong field work experience and strong communication skills in community and other relevant stakeholder;

V. EVALUATION METHOD AND CRITERIA

2. Cumulative analysis

When using this weighted scoring method, the award of the contract should be made to the individual consultant whose offer has been evaluated and determined as:

a) responsive/compliant/acceptable, and

b) Having received the highest score out of a pre-determined set of weighted technical and financial criteria specific to the solicitation.

* Technical Criteria weight; 70

* Financial Criteria weight; 30

Only candidates obtaining a minimum of 70 point would be considered for the Financial Evaluation

Criteria	Weight	Maximum Point
<u>Technical</u>	70	100
Criteria A: Qualification Requirements as per TOR:		70
1. Criteria 1: Advanced university degree (Master's degree or equivalent) in Marine science, anthropology environmental engineering, social science or equivalent relevant works. A first-level university degree in combination with ten additional years of qualifying experience may be accepted in lieu of the advanced university degree.;		20
2. Criteria 2: At least 5 years experiences in marine pollution or marine debris;		20
3. Criteria 3: working in issues related to oil spill and environment economic assessment;		15
4. Criteria 4: Experience in engaging private sector and community to support field assessment ;		10
5. Criteria 5: Experience in producing high quality reports.		5
Criteria B: Brief Description of Approach to Assignment:		30
1. Understand the task and applies a methodology appropriate for the task as well as strategy in a coherent manner		10
2. Important aspects of the task addressed clearly and in sufficient detail		10
3. Logical, realistic planning for efficient project implementation		10