

REPUBLIC OF KIRIBATI

PACIFIC ISLANDS REGIONAL OCEANSCAPE PROGRAM (PROP) PROJECT

Consultant Terms of Reference:

Monitoring, Control and Surveillance (MCS) Gap Analysis and Needs Assessment – Kiribati Offshore and Coastal Fisheries

Context

The Government of Kiribati is working to enhance the sustainable value of large-scale oceanic fisheries, diversify sustainable marine-based sources of revenue for coastal communities and strengthen the safety of seafood in Kiribati. The lead agency in these activities is the Ministry of Fisheries and Marine Research Development (MFMRD). The Government of Kiribati has received financing from the World Bank for a Programmatic Preparation Advance (PPA) for the PROP Project and intends to apply part of the proceeds for consulting services to undertake specific technical studies to inform Project design.

The envisaged Project Components are currently described as:

Component 1: Enhancing the Value of Large-Scale Oceanic Fisheries

Component 2: Diversifying Marine-Based Revenue Streams for Coastal Communities

- *Sub-Component 2.1:* Enhancing the Value of Coastal Marine Resource Supply Chains in the Gilbert Islands
- *Sub-Component 2.2:* Enhancing the Value of the Blue Economy in Kiritimati

Component 3: Improving Seafood Toxicology and Safety Measures in Selected Fisheries

Component 4: Delivering Effective Project Management

Background

The Kiribati offshore fishery is broadly defined as those resources fished beyond territorial waters and includes migratory species of tuna and billfish caught within the Exclusive Economic Zone (EEZ) and includes flag state responsibility for Kiribati flagged fishing vessels. Under the Fisheries Act, MFMRD is mandated with sustainable management and utilisation of marine resources within the country's EEZ.

MFMRD is also responsible for legal operation of all fishing and fishing vessels flagged and licenced to Kiribati. The offshore transboundary and high seas fisheries across the Pacific region and beyond are an evolving and dynamic sector with an increased focus on the rights of resource owners and the integration of fishing with increased onshore benefits. MFMRD operates with limited resources in a climate of increasing national, regional and international obligations.

One of the core roles of the MFMRD Offshore Division is effective monitoring, control and surveillance (MCS) functions. This includes ensuring resources are in place for the monitoring and compliance requirements of fishing vessels and processing operations including IMS, VMS, observers, inspections and log-sheet monitoring. At the same time, many countries in the Pacific, including Kiribati, have expressed interest in emerging technologies such as the e-Reporting and e-Monitoring regimes and increased flag and port state responsibilities under international agreements.

Objective of Assignment

The Government of Kiribati in cooperation with the World Bank is committed to further enhancing effective management of Kiribati oceanic and coastal fisheries. To this end, effective implementation of MCS and enforcement in Kiribati offshore and coastal fisheries is planned as a significant part of the Kiribati PROP.

To assist in identifying priority Project-related MCS investments in both offshore and coastal fisheries, the Government of Kiribati seeks the services of an MCS fisheries advisor to carry out a gap analysis and needs assessment to enhance and implement Kiribati's national MCS services including in the areas of: (i) necessary MCS facilities and systems in Betio (Tarawa) and Kiritimati, (ii) facilities and equipment for the collection, storage, analysis and distribution of national MCS related information (National Fisheries Information Management Systems), (iii) equipment and capacity building services to implement e-monitoring and e-reporting in offshore fisheries, and (iv) capacity building services to enhance MCS and enforcement in offshore and coastal fisheries.

The MCS advisor will carry out a National MCS gap analysis and national MCS needs assessment to identify shortcomings associated with MCS capacity. Information prepared by the MCS advisor will contribute to the formulation of the Kiribati PROP project. The primary focus of the gap analysis is to consider current and projected offshore and coastal fisheries Division's MCS needs, highlighting existing capacity and strengths, needs and concerns of MFMRD Offshore Division MCS staff, existing limitations in resources and work program delivery, the nature of institutional structures and steps that may be taken by MFMRD to leverage opportunities for enhanced divisional performance.

Scope of Services & Deliverables

The consultancy will consist of two phases: Phase 1: Undertake a comprehensive and systematic gap and needs analysis of the national MCS framework relevant to MFMRD offshore and coastal fisheries divisions; and Phase 2, present results to MFMRD and World Bank staff at the conclusion of the study taking into consideration changes proposed and compilation of a final report.

Phase 1

The Consultant will:

1. Perform a systematic Gap Analysis of the Government of Kiribati to effectively implement IUU fishing countermeasures in order to minimize the risks from IUU fishing occurring within the Kiribati EEZ. This will include *inter alia*:
 - a. Review the relevance and effectiveness of current MCS capacity of the Government of Kiribati and, in particular, the capacity of the MFMRD offshore division for effective implementation of national MCS strategies.
 - b. Assess compliance with relevant national and international laws, policies and standards relating to MCS activities, and identify gaps in relation to the implementation of these laws, policies and standards;
 - c. Assess, using a risk-based assessment framework, whether current MCS programs are delivered in an efficient, cost-effective and strategic manner.
 - d. Review the need for and characteristics of a national fisheries information system with respect to operation, maintenance, data security and information sharing and distribution to RFMO. This includes identification of specific requirements that will contribute to the development of Fisheries Management Platform.
 - e. Review opportunities for adoption and use of new technologies associated with E-monitoring and E-Reporting in offshore and coastal fisheries including capacity building and training needs;
 - f. Review legal capacity of Government of Kiribati to effectively implement legal measures to combat IUU fishing in line with the requirements of the market states;
 - g. Assess potential resourcing and capacity gaps in the delivery of MCS outputs as a corollary of the current institutional setup, including absence of

appropriate facilities, information systems, equipment and tools to address identified resourcing and capacity needs within MFMRD;

- h. Provide clear and targeted recommendations on state-of-the-art facilities and equipment investments to consider as part of the PROP Project.
- i. Prepare clear recommendations for MCS capacity building including training which will enhance MCS capacity at national, sub-regional, and regional levels through to 2025.

Phase 2

The Consultant will:

1. Submit a detailed final report to MFMRD which clearly provides a comprehensive response to the full Terms of Reference.
2. Conduct a 1-day workshop with MFMRD / World Bank staff to review consultancy outputs and responses to any recommendations in the report.
3. Provide MFMRD and The World Bank with a summary report from the workshop summarising the activities and sessions undertaken, and outlining any additional outcomes or recommendations resulting from the workshop. This must be submitted within two weeks of the conclusion of the workshop.

Qualification Requirements

Expert Level

- Understanding of current regional systems for MCS and combatting IUU fishing in the Pacific (7 years).
- Developing national and international MCS procedures and laws / regulations / measures in response to IUU fishing (7 years).

Advanced Level

- Experience and knowledge on Observer program , VMS, Compliance Operations, Licensing (5 years).
- Knowledge of Electronic reporting and electronic monitoring systems and equipment (3 years).
- Implementing systems for traceability and catch documentation particularly with respect to tuna fisheries (5 years).
- Knowledge of setting up national fisheries information systems and associated securities / data protocols associated with distributed information (5 years).
- Knowledge of MCS facility design, operation and maintenance (5 years).

Working Knowledge Level

- Procedures, tools and forums for maintaining national and regional Maritime Domain Security Awareness (3 years).
- Fisheries management frameworks, application of the precautionary principal, social and environmental sustainability (3 years).
- WCPFC and FFA MCS related activities (3 years).

Duration of the Assignment and Estimated Time Input

This is a part time assignment that is envisioned to be 40 working days or 2 months over the period of June to September 2019. At minimum, approximately 28 working days or 3 calendar weeks are expected to be spent in Kiribati, plus travel to and from duty station.

Provision will be made in the contract for the international trip and for the reimbursement of accommodation and subsistence. The MFMRD will provide office space and leadership in arranging meetings while the Consultant is on their 21 days of mission in Kiribati. MFMRD will also aid in acquiring any available data and/or reports from other Kiribati ministries and/or international partners.

Reporting Requirements

The MCS Specialist will report directly to the Kiribati Ministry of Fisheries and Marine Resources Development.

If you are interested in this assignment, please contact:

Mr Teeta Erikate

Senior Assistant Secretary

MFMRD

Email address: teetae@mfmrd.gov.ki,

Phone number: 75021099