

Terms of References

Introduction

Contract type: Desk and field based

This consultancy is part of the Marine Program and it aims to provide technical advice and assist in developing regional strategies for fisheries improvement projects, concept notes for small scale fisheries MSC assessment, develop robust management measures for Tuna fisheries and supporting development of a regional body, having Iran, Pakistan, Sri Lanka, India and Oman as members.

Background:

Pakistan has a coastline of 1,050 Km, and an EEZ of approximately 290,000 sq. Km with the territorial waters covering an area of 24,000 sq. km. It borders the productive North Arabian Sea and is famous for its upwelling phenomenon. The continental shelf of Balochistan only measures 15-40 Km, which makes it dynamic in the fisheries sense and provides livelihood opportunities for fishers residing along the coast of Pakistan. The coast of Balochistan is comprised of sandy beaches, whereas the Sindh coast is comprised of creeks and continental shelf is shallow unlike Balochistan which is steep. Both the coastlines support a wide variety of marine species. The Balochistan and Karachi coast are famous for nesting sites of green turtles, where around 140 species of elasmobranchs (Sharks, rays, skates and guitarfishes) and 19 species of cetaceans have been recorded from Pakistan's waters. This showcases the rich marine resources of Pakistan and its potential of supporting livelihoods of around 1 million.

Fisheries are the major economic resource and comprise of around 1% of GDP of Pakistan. It is being exploited unsustainably and has severe pressure, with increasing vessel numbers operating in the Northern Arabian sea and resource practices it is important to put a cap on the exploitation of these resources. Although Pakistan's fishing fleets are mostly small scale in nature, there is no regulation and the practices of artisanal fishers are at risk. In order to better understand the nature of artisanal fishers and their use of bait in fisheries it is important to encompass knowledge and management efforts to secure the vested interests of artisanal fishers.

The Task

Fisheries sector in Pakistan lacks proper coordination and there is no strategy that exists to date that aids in bringing together different stakeholders. One of the key reasons for this is the inability to compare past, existing and future scenarios e.g. fishing methods and its changes and perceived/anticipated changes that would arise due to depletion of resources. Similarly the usage of bait is mostly traditional and related to artisanal fishers, who are the most deprived groups of fishers. They have the technical knowledge and their practices are sustainable as they do not use mechanized gears. There is a need to strengthen capacity and knowledge on these core issues to demonstrate and adopt practices in small scale fisheries. Accordingly the consultant will develop tools and build capacity of national stakeholders for developing fisheries improvement plans, and engage in establishing a regional



body for improved tuna and bycatch management in North Arabian Sea. (this can be amended in discussions with the consultant):

***Objective 1:** Facilitate capacity building of relevant stakeholders to enable them to understand and participate in Fisheries Improvement Projects (FIPs) as to generate incentives to invest in the tuna fisheries sector.*

Activities:

1. WWF Pakistan: Develop a country specific FIP programme for tuna fisheries in the IO countries (e.g. Pakistan, India, Sri Lanka, Oman)
 - a. Analyse and assess current candidates from the IO countries for FIPs and their potential to enter a fishery improvement process
 - b. Develop a guideline and toolkit for IO fisheries seeking MSC certification.

2. With support from Coordinator Marine Program: Support and complete preliminary assessments of two additional tuna fisheries in the NIO
 - a. Sri Lankan tuna fishery
 - b. Pakistan handline/troll fishery
 - c. Development of FIP proposals and workplans as well as implementation for these two fisheries as appropriate to ensure basic requirements are met.

This calls for a step wise approach to certification as well as the involvement of stakeholders and targeted training and capacity building in all the NIO countries is critical, as the major challenges faced by the NIO countries are far greater than perceived and will need to be achieved through a sequential and logical approach with involvement of stakeholders, building their capacity. Conservation moreover, cannot be achieved in solitude and will need to have concerted efforts to involve coastal country scientists, expertise and knowledge at the governance level for reforms and having allocation and harvest control rules adopted and implemented regionally with the regional fisheries management organizations. This proposal will cover part of the NIO work (two fisheries), with the rest being financed by additional proposals, it is envisaged to have the NIO alliance play an integral part at the governance and IOTC level.

Specific Deliverables

The consultant is expected to provide the following services deliverables, which must include but are not limited to the following:

- A procedural document based on the experience of the Maldives Government certification prepared for sharing with other NIO countries; preliminary assessment of two fisheries in NIO begun (fisheries in Sri Lanka, India) Identification & pre-assessment complete of two potential fisheries for certification in Sri Lanka and India



- Development of FIP proposals and workplans
- Basic MSC certification requirements fulfilled in Sri Lanka and Pakistan & FIPs are set up as necessary
- Development of a guideline and toolkit for NIO fisheries
- Develop at least two FIP proposals

Requirements for experience and qualifications

Minimum Requirements

- Education: Degree in fisheries, marine biology, environmental related studies and some experience on trainings and capacity building
- Experience of and knowledge of fisheries sector
- Good understanding of fisheries related issues
- Excellent writing skills and fluency in English

Competencies

- Demonstrates openness to change and ability to manage complexities
- Demonstrate abilities of analytical work and excellent report writing
- Proactive and able to work with minimal supervision and high degree of initiative, reliability, flexibility, motivation and resourcefulness
- Professionalism, flexibility to make ad-hoc changes as and when the need arises, ability to perform under stress, willingness to keep flexible working hours

Documents to be included when submitting the proposal

Interested individual consultants must submit the following documents/information to demonstrate their qualifications:

- Proposal (i) explaining why they are the most suitable for the work, (ii) provide brief methodology on how they will approach and conduct the work
- Financial proposal (including fee, travel cost, (if any) and other relevant expenses)
- Curriculum vitae

