

TERMS OF REFERENCE FOR THE PROVISION OF SCIENTIFIC SERVICES TO THE IOTC INDONESIA PILOT SAMPLING PROJECT

Scientific Services to be provided:

The IOTC requires a short term consultancy (8 months) for the following activities:

INDONESIA PILOT SAMPLING PROJECT – NORTH AND WEST SUMATRA

Under the supervision of the IOTC Secretariat and the Bay of Bengal Large Marine Ecosystems Project (BOBLME), the incumbent will assist the Directorate General of Capture Fisheries of Indonesia (DGCF) in the continuation of Pilot activities in Indonesia with regards to the implementation of provisions of the IOTC Regional Observer Scheme and compliance with IOTC Data Requirements, with the following objectives:

- To monitor sampling activities in North Sumatra and West Sumatra (Indonesia) in order to ensure that they are in line with national and international data requirements, in particular provisions of the IOTC Regional Observer Scheme, Minimum Data Requirements, and FAD Management Plans.
- To build capacity in Indonesia to ensure that the government of Indonesia has the ability to maintain and extend the activities once that external support is discontinued.
- To assist the IOTC Secretariat in the estimation of catches, effort, and length frequency distributions for tuna and tuna-related species using all data collected during the Pilot Project.

The incumbent will carry out the following services:

- Phase I (5 months): Monitoring and supervision of sampling activities

In consultation with the DGCF, the incumbent will:

- Carry out field supervision to ensure that the data collection activities implemented during the first year of the Pilot project, as recorded in the data collection protocols¹, are maintained and, where possible, can be extended to other relevant landing locations in North Sumatra and West Sumatra.
- Where required, modify or extend the data collection protocols using the new information gathered.
- Ensure that all data collected by the Pilot is computerized and verified using the software provided by the IOTC Secretariat, and that reports are sent to the IOTC Secretariat and the DGCF at the agreed time frames.
- Ensure the safe-keeping of project equipment used by the incumbent, including any new hardware, software, or other equipment provided by the Project.

- Phase II (3 months): Processing and validation of sampling data, and catch estimation

In consultation with the DGCF, the incumbent will:

¹ Moreno G, Herrera M (IOTC Secretariat) 2015. Protocols for the Collection of Data from Tuna Fisheries in the Provinces of West Sumatra and North Sumatra, Indonesia. 73 pp.

- Assist the IOTC Secretariat to devise catch estimation protocols for North Sumatra and West Sumatra and production of catch and effort estimates using the agreed methodology.
- Assist the IOTC Secretariat in the preparation of length frequency distributions for the main species of tuna and tuna-like species monitored during the Pilot.
- Assist the IOTC Secretariat to conduct workshops in which to train local officers (DGCF, Provincial and District authorities) in sampling design, production of estimates of catch, effort, and length frequency data, and preparation of datasets, as per the existing national and international requirements.
- Assist the DGCF in the presentation of project results to relevant staff in North Sumatra and West Sumatra.

The incumbent will be based in Indonesia and will visit landing locations in North and West Sumatra selected for sampling on a regular basis in order to supervise the proper implementation of the sampling protocols and assess the need to change the sampling design.

Conditions and payment:

In total this Service will require 140 days of work, over a 8 month period (May 2015 – December 2015, TBC), in accordance with the schedule of expected outputs detailed below.

Expected Outputs:

The incumbent will be responsible to prepare the following reports and information for the DGCF and IOTC Secretariat, in order to ensure DGCF’s timely transmission of this information to the IOTC Secretariat and the BOBLME Project:

- Copies of the database including all data input to that date will be submitted at the end of each month.
- Bi-monthly progress reports on the activities carried out during Phase I of the Project including monitoring of data collection and management activities (months 1-5).
- A power point presentation or similar summarizing the main activities carried out by the Project, including main arrangements, results, challenges and way forward.
- After completion of the Project the last copy of the database, including all data collected during the period of sampling.
- A document (in English) including the blueprint of data collection and management protocols for Indonesia, to guide monitoring and implementation of data collection and management activities by the DGCF of Indonesia in the future.
- A final report including a summary of all activities carried out during the Project, evaluation of the Project, and actions recommended to ensuring the sustainability of the new data collection system.
- Provide assistance to the IOTC Secretariat and DGCF for preparation for a catch estimation workshop planned at the end of the project activities.

Expressions of Interest:

Deadline for Submission: Tuesday 5 May 2015. Please email your application/CV to Secretariat@iotc.org with heading: **INDONESIA PILOT SAMPLING PROJECT**