

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



Ministry of Economic Development
Male',
Republic of Maldives

Support People's Livelihoods in the Fishery Sector in Maldives through Sustainable Energy Project

Term of Reference and Scope of Services for

Individual Consultancy Service for Solar Photovoltaic (PV) Expert

1. Background

The Government of Maldives (GoM) through the support of the Islamic Development Bank (IsDB) are implementing the *Support People's Livelihoods in the Fishery Sector in Maldives through Sustainable Energy Project* to upscale up to 200 fishing vessels in the Maldives.

In line with the strategic objective of the Government of Maldives, Ministry of Economic Development in collaboration with Ministry of Fisheries, Marine Resources, Agriculture, SME Development and Finance Corporation (SDFC) has initiated to support a project to equip about 200 fishing vessels with Refrigerated Sea Water (RSW) systems and Photovoltaic (PV) Solar Systems through Islamic Finance methods. The project aims to contribute to achieving Policy 5: Increase profitability from fishery activities ('Hama Agu' Policy) of the country's Strategic Action Plan (SAP) for 2019-2023.

Ministry of Economic Development as the implementing agency is seeking to engage a Solar PV Expert (Consultant) to support the project.

2. Scope of Services

The Consultant is primarily responsible for providing technical, and programming implementation support and oversight, and knowledge and capacity development services related to the project.

- i Provide strategic advice to MED in management and the project including the development of guiding principles and practices for the organization;
- ii Undertake extensive analysis of the effectiveness of the project and identify the gaps and advice on the effectiveness of the project;
- iii Provide technical guidance to ensure that the Solar PV system complies with all relevant regulations and standards, including those set by regulatory bodies;
- iv Provide expert opinion on the technical specifications proposed by the vendors and advice on the feasible costings;
- v Inspect the equipment supplied by vendors through this project and provide opinion on its technical specifications;
- vi Provide technical guidance to the project beneficiaries to optimize the performance of Solar PV systems, including recommendations for improvements in system design, installation, equipment selection, and operational procedures;
- vii Provide recommendations on modifications to existing systems to improve their efficiency, reliability, or environmental impact;



- viii Prepare technical reports and presentations to be presented to the Steering Committee;
- ix Assist in preparing Monitoring and Evaluation tools for the project

3. Expected Deliverables:

- a. Technical specifications and minimum technical requirements in the systems procured through the project;
- b. Technical/ expert opinion on the proposals received to be used in the evaluation;
- c. System Installation Guidelines in line with all relevant regulations and standards, including those set by regulatory bodies;
- d. Supervision and advisory role during the installation, testing of Solar PV systems
- e. Minimum 2 knowledge products to improve their efficiency, reliability, or environmental impact of the project;

4. Reporting Obligations

The Consultant will be required to report to the Project Director.

5. Required Expertise and Qualifications

- Minimum Bachelor's Degree qualification in relevant field (solar energy, marine engineering, engineering) with 10 years of experience, OR minimum MQA level 5 or equivalent vocation training in relevant field (solar energy, marine engineering, engineering) with 20 years of experience.
- Master's degree in relevant field is preferred.
- Proven record of similar consultancy services (at least 1 study in the last 5 years) evaluated based on quantity, relevancy and timeline of services.
- Experience in the Maldivian/ other similar region's fishing industry and a good understanding of industry dynamics is an added advantage.
- Experience with donor funded projects such as projects implemented by IsDB will be an added advantage.
- Fluency in written and spoken English is a requirement

6. Contract Duration

This is a 1-year (12 Months) contract, with an expected total 36 person-month's experts input for the assignment. The contract shall be renewed based on performance, need, and funding. This contract is expected to commence in **July 2023**.



7. Working hours

The selected applicant will be required to complete assigned tasks and projects and will be required to report on a requirement basis. A Monthly Time Sheet (Monthly Tasks Completion Report) will be submitted at the end of the month.

8. Required Documents

Interested candidates must submit the following documents/information to demonstrate their qualifications, experience, and responsiveness to this TOR.

- i. Complete and up-to-date Curriculum Vitae (CV).
- ii. Copy of National Identity Card.
- iii. Copies of academic certificates with transcripts.
- iv. Reference letters from current/ previous employers certifying type of employment, job roles, and service period.

9. Expression of Interest Application Submission

Interested Consultants may obtain further information at the address below during office hours 08:00 to 16:00 hours (local time). Your applications are to be sent to the address;

Niushad Saeed, Project Director
Ministry of Economic Development
Telephone: +960 332-3668
Fax: +960 332-3668
Email: tender.pmu@trade.gov.mv
Website: www.trade.gov.mv

Applications must be delivered in a written form to the address below (in person, or by mail, or by fax, or by e-mail) by **1400 hrs on 8th June 2023.**