

## REQUEST FOR EXPRESSION OF INTEREST

### Feasibility Studies of Floating Solar

**Publication date:** 01<sup>st</sup> Jan 2022

**Submission date:** 28<sup>th</sup> Jan 2022

**Country:** Mozambique

Duration: 14 months

#### **Description of procurement:**

The Electricity of Mozambique “EDM” has applied for a financing from the African Development Bank toward the cost of the feasibility studies (technical, financial, economic, environmental and social impact assessment including financial model and grid integration study) for floating solar prospect in Chicamba dam, Manica Province, Mozambique, and intends to apply part of the applied amount for this grant to payments under the contract for consulting services

#### **Scope of the Project:**

The scope includes under this project are to conduct a full feasibility study of a floating solar PV power plant in Chicamba Reservoir outlining

- (1) technical viability,
- (2) financial viability,
- (3) environmental impact assessment for the power plant infrastructure and interconnection lines and also the environment impact of Dam and ma-rine ecosystem and
- (4) socio-economic aspects of the proposed floating solar PV project in order to guide EDM and other local stakeholders in its decision-making pro-cess.

The overall aim of introducing the Floating Solar Option is due to the need for additional power generation and to utilize the existing open water surfaces for power generation and to save arable lands for agriculture purposes. It will also contribute to a better hydrologic regulation. The assignment should be supported by a preliminary environmental and social impact assessment, including the impact on local flora and fauna (both water and land), bird life, local communities, local fishing, safety, and security aspects.

For more information, please contact:

Attn: EDM -Renewable Energy Directorate

Olga Utchavo Madeira & Director

Cc: Eucides Dgedge –Head of Department

1398, Eduardo Mondlane Ave, 5<sup>th</sup> floor left

P.O. Box 938, Maputo -Mozambique

Tel: (+258) 824189080/847065737

E-mail: [olga.utchavo@edm.co.mz](mailto:olga.utchavo@edm.co.mz) Cc: [eucides.dgedge@edm.co.mz](mailto:eucides.dgedge@edm.co.mz) RENEWABLE ENERGY DIRECTORATE