

Terms of Reference

Consultant for technical assistance to ECREEE for the promotion of regional EE standards and labelling for electric appliances

Background

An important factor for economic development in the ECOWAS region that consists of 15 countries is a supply of electricity at affordable prices; however, there are considerable gaps in the electricity supply in the region due to a lack of generation capacity and insufficient infrastructure for transmission and distribution of electricity. These problems could be partly addressed through a better integration of the West African power market, by developing the region's renewable energy (RE) potential and by promoting energy efficiency (EE). It is against this background that the West African Power Pool (WAPP), the ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE) and the ECOWAS Regional Electricity Regulatory Authority were created. One of the activities of ECREEE over the past few years was to develop Minimum Energy Performance Standards (MEPS) for on-grid and off-grid lighting as well as for air conditioners and refrigerators.

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) with funding from the German Federal Ministry for Economic Cooperation and Development (BMZ) and the European Union (EU) is supporting all three regional organizations in the framework of the programme "Promotion of a climate-friendly power market in the ECOWAS region". The ProMERC support to ECREEE is cofinanced by the European Union (EU) in the framework of the project "Improving the governance of the RE and EE sector in West Africa" which is known by its French acronym AGoSEREE-AO. The EU contribution to this project is financed by the Regional Indicative Programme of the 11th European Development Fund (EDF).

In this context, GIZ is supporting ECREEE to a) to develop regional corridors for solar energy, wind energy and hydropower; b) support ECOWAS member states in creating an enabling environment for grid-connected RE; c) develop regional RE standards and introduce them at the national level; d) establish a regional RE skills certification scheme; e) provide technical assistance to developers of grid-connected RE projects and disseminate experiences with existing projects; f) promote off-grid RE solutions; and g) promote regional EE standards and labelling (S&L) for electric appliances.

This is why ECREEE in cooperation with GIZ is recruiting a consultant in order to support ECREEE team to promote EE standards and labelling for electric appliances in the ECOWAS region.

Objective

The objective of this assignment is to assist ECREEE and its partners to establish and introduce minimum energy performance standards and labels for energy appliances in the ECOWAS region.

Tasks

Under the supervision of the manager of ECREEE's EE program, the Consultant will implement the following activities.

- Work with the ECREEE and GIZ team to conduct a stocktaking and market analysis of electrical appliances that will serve as a basis for the selection of the appliances for which additional MEPS will be developed
- Work with the ECREEE and GIZ team to develop a spreadsheet tool and perform an analysis of the impact and the expected cost and benefits of potential S&L efforts
- Work with the ECREEE and GIZ team, other ECOWAS institutions as well as national stakeholders (such as the Ministries of Energy, Ministries of Quality, national standardization bodies and the private sector) to develop regional Minimum Performance Standards (MEPS) for additional¹ electric appliances
- Work with the ECREEE and GIZ team, other ECOWAS institutions as well as national stakeholders (such as the Ministries of Energy, Ministries of Quality, national standardization bodies and the private sector) to develop a regional EE labels for electric appliances (on the basis of the work undertaken by UEMOA)
- Work with national stakeholders to promote the introduction and enforcement of the existing regional MEPS and through changes to the legal and regulatory framework among others
- Procure and manage consultancy contracts for the above-mentioned tasks
- Organize events in the context of the above-mentioned tasks;
- Implement communication activities in the context of the above-mentioned tasks
- Assist ECREEE in maintaining a database of key contacts and documents on standards and labels, all participating institutions, legal and regulatory frameworks in the member states, etc.
- Participate in coordination meetings, conference calls and workshops with ECREEE staff and other institutions involved in the development of standards and labels (e.g. GIZ, UEMOA, IFDD, etc.) as well as their consultants.
- Liaise with national institutions (e.g. Ministries in charge of energy and quality, standardization bodies) as well as existing and potential partners that are active in the countries.

The selected candidate may also be required to participate in other activities of the EE programme and the development of regional RE standards.

Deliverables

The consultant will be required to deliver the following assignment outputs in accordance with the tentative time schedule. All deliverables shall be submitted electronically. All reports should have stand-alone executive summaries. The key deliverables shall be the following:

- Monthly progress reports

¹ These are in addition to the ones for which regional MEPS are already available (see background section).

- Inception report on the activities conducted during the first 4 weeks incl. workplan with proposed activities for the following 10 months
- Baseline documents
- Spreadsheet tool and manual
- Modelling Scenario Report
- ToR for a consultancy assignment that will combine a stocktaking and market analysis and the development of MEPS for two additional electrical appliances
- ToR for consultancy assignment to develop EE label for electrical appliances incl. draft of ECOWAS directive on EE labels for electric appliances
- Meetings and workshops reports
- List of documents provided to ECREEE for storage in ECREEE's internal document database
- Final report incl. lessons learnt and recommendations for future activities

All reports should be submitted in English unless otherwise agreed.

Time frame

1st March to 15th December 2018 (10.5 person months)

Duty station

Praia, Cabo Verde with frequent travel to other ECOWAS countries.

Profile

- Citizen of one of the ECOWAS member states
- Hold a master's degree or equivalent in energy engineering, energy efficiency, or related fields.
- He or she should have a minimum of five years work experience in the energy sector incl. experience with EE and RE standards and labels.
- He or she should have proven project management experience and relevant work experience in at least two ECOWAS countries.
- He or she should be able to work in multi-cultural environment and be fluent in English and French. Portuguese skills would be an advantage.

Required documents

The application should include the following documents:

- A motivation letter including a phone number and / or email address
- An updated CV with a picture (no more than 4 pages)
- Copies of relevant diplomas (university degrees, etc.)
- A short technical proposal including the following chapters: Interpretation of objectives, Proposed methodology, Proposed workplan.



- The financial proposal should indicate the daily/monthly rate and the cost for travelling to/from Praia at the beginning and at the end of the assignment, if applicable. Other travel costs will be covered by ECREEE outside of this contract.

Submission of proposals

Interested candidates should send their technical and financial offer to ECREEE by email on or before February 17th, 2018 using the following address: Tender@ecreee.org. The individual email size should not exceed 10 MB.