



UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

TERMS OF REFERENCE FOR PERSONNEL UNDER INDIVIDUAL SERVICE AGREEMENT (ISA)

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|---------------------------------|---|
| Title: | Renewable Energy Expert – Decentralized Renewable Energy Systems |
| Main Duty Station and Location: | Cape Verde |
| Mission/s to: | |
| Start of Contract (EOD): | 06 October 2014 |
| End of Contract (COB): | 30 November 2014 |
| Number of Working Days: | 40 |

ORGANIZATIONAL CONTEXT

The United Nations Industrial Development Organization (UNIDO) in cooperation with the ECOWAS Regional Centre for Renewable Energy (ECREEE) and the Ministry for Tourism, Industry and Energy (MTIE) is executing a Global Environment Facility (GEF) co-funded project to promote small- and medium scale renewable energy (RE) solutions in Cape Verde. The project seeks to address some of the existing barriers for the deployment of small to medium scale renewable energy solutions through an integrated approach. The project has the following components:

- Execution of high visible demonstration projects to showcase the technical feasibility and commercial viability of small and medium scale renewable energy solutions
- Preparation of an investment strategy for scaling up or replicating pilot projects and organize call for proposals through the ECOWAS Renewable Energy Facility to provide co-funding for the development of small to medium scale RE projects in Cape Verde
- Strengthening of the institutional capacity of key market enablers in the sector by organizing tailored trainings
- Establish a policy and legal environment that supports renewable energy market, market conditions will be created to foster the development of this type of projects
- Create synergies to the other activities of the ECOWAS Regional Centre for Renewable Energy and Energy Efficiency (ECREEE) and facilitate the replication of national projects in the ECOWAS region.

Detailed in the information on the GEF project can be found at the ECREEE website:
<http://gef.ecreee.org>

PROJECT CONTEXT

As follow up to this project, the MTIE is keen to focus on the development of solar home systems to provide energy remote areas in various parts of the country that will not likely get access to the grid in the near future. Although the sites are located, there is still a need to collect all information necessary to determine the installation conditions and the energy production needed

to formulate a project.

It is also intention of the MTIE to release an action plan for the promotion of Micro-Generation of Renewable Energy.

Under supervision of the UNIDO Project Manager in coordination with MTIE General Director of Energy, the renewable energy consultant will undertake activities as outlined below:

| <u>MAIN DUTIES</u> | Concrete/measurable outputs to be achieved | Expected duration | Location |
|--|--|--------------------------|--|
| Profile the sites - Visit the sites that don't have energy access to the grid and collect the following information necessary to elaborate the project | Profile of the sites | 33 days | Santiago Fogo S. Nicolau S. Antão |
| Review of the Action Plan for Renewable Energy Micro Generation (maximum 100kw) Review law n° 1/2011 (only Micro Generation) | Action Plan on Renewable Energy Micro Generation reviewed and ready to be approved Law n° 1/2011 reviewed and concrete proposals elaborated | 7 days | |

REQUIRED COMPETENCIES

Core values:

1. Integrity
2. Professionalism
3. Respect for diversity

Core competencies:

1. Results orientation and accountability
2. Planning and organizing
3. Communication and trust
4. Team orientation
5. Client orientation
6. Organizational development and innovation

Managerial competencies (as applicable):

1. Strategy and direction
2. Managing people and performance
3. Judgement and decision making
4. Conflict resolution

MINIMUM ORGANIZATIONAL REQUIREMENTS

Education: Advanced university degree in engineering, with strong focus on renewable energy qualification will be an added advantage.

Technical and Functional Experience:

Extensive knowledge of the energy sector and renewable energy programmes, with a strong experience in managing and leading successful teams, working with various stakeholders that have varied interests

Exceptional interpersonal skills, communication and influencing and analytical skills on technical aspects of renewable energy

Ability to work under pressure and handle politically and culturally sensitive issues

Languages: Proficiency in Portuguese and good working knowledge in English.