

Tender Announcement: Design and Supply of twenty-one (21) off- grid power assets for Sierra Leone

Introduction

This document is for informational purposes only. In order to participate in this tender, please contact purchasing@powergen-re.com for the relevant application materials.

The tender is concerned with the design and supply of twenty-one (21) off-grid power assets including a Photovoltaic System and a Battery System. These projects are part of the recent mini-grid tender from the United National Office for Project Services (UNOPS) and will be installed and operated by Off Grid Power SL Ltd in Sierra Leone.

Off-Grid Power SL Ltd

Off Grid Power SL Ltd, incorporated in Sierra Leone, herein referred to as OGP, is a 100% subsidiary of PowerGen Renewable Energy.

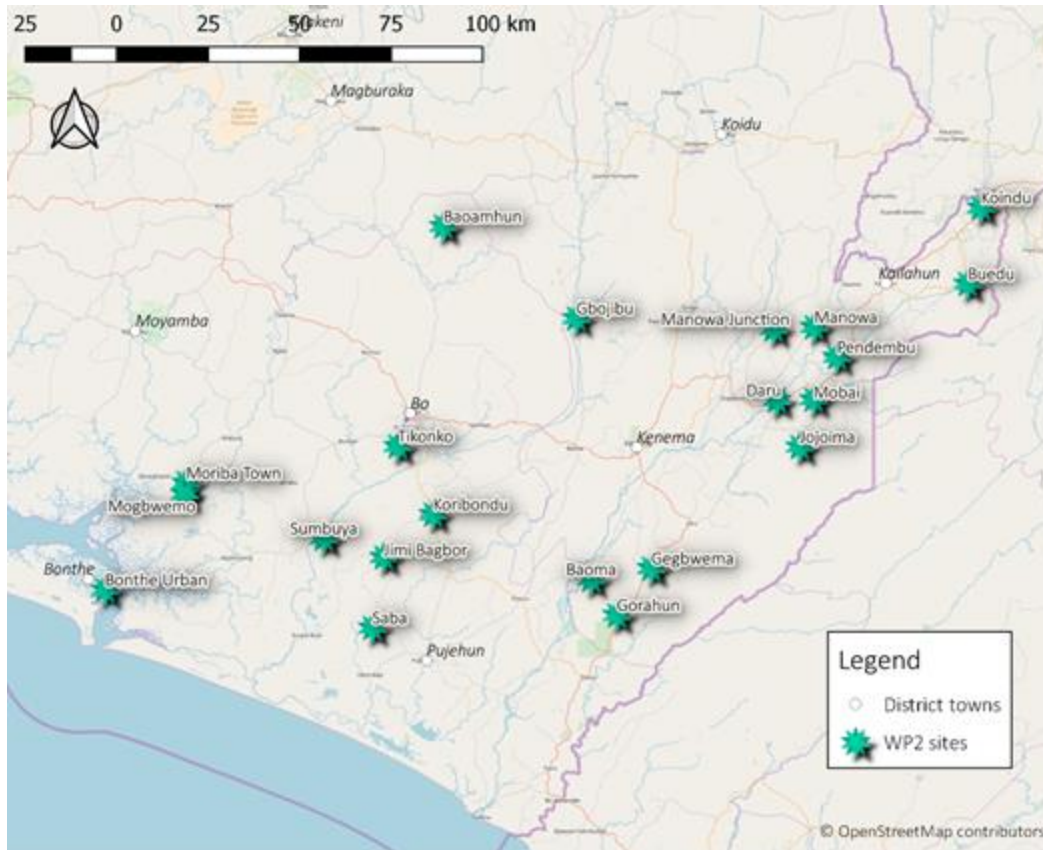
PowerGen Renewable Energy EA LTD

PowerGen Renewable Energy EA LTD is headquartered in Nairobi, Kenya with an office in Arusha, Tanzania and Lagos, Nigeria. Founded in 2011, the company has installed 150+ renewable energy systems, including more than 50 micro-grids and connected 6000+ homes and businesses in Kenya, Uganda, Tanzania, Zambia, Somalia, and South Sudan. PowerGen builds, owns and operates Solar micro-grids to bring power to residential and commercial customers in rural Africa. The PowerGen EPC Division also builds micro-grids and other solar projects for our partners.

This international public tender is placed by InfraCo Africa on behalf of Off Grid Power SL. InfraCo Africa is an investor in PowerGen and the tender will follow OJEU rules for public procurement.

Project Overview

This tender comprises power assets for 21 villages (1 not shown), which are currently unelectrified and all located in the south-east of Sierra Leone as shown in the map below.



The distribution grid and customer connection are not part of this tender, customer connection materials will be tendered separately. This tender focuses on the power assets, which:

- range approx from 30kWp to 130kWp with 100kWh to 500kWh battery capacity
- are based on high-quality lead acid batteries and top-class equipment providers
- need to be grid-forming and have blackstart functionality (off-grid system)
- shall be supplied as easy-to-install / pre-assembled containerized solutions
- include all needed equipment to connect the distribution grid (load), in future needed Diesel Generators and potentially having a connection to the national grid
- has a total volume of ~1.7 MWp PV and 4.9MWh Battery

Furthermore the tenderer is requested to:

- Provide training in installation and commissioning to construction team on the first site
- Provide training on operations & maintenance of systems to local O&M team
- Support installation and commissioning for all 21 systems remotely

Tender Overview

This tender is separated into 3 phases:

1. Shortlisting: Interested companies are requested to provide general information proving their suitability. A minimum of 3 companies will move on to the next phase and be invited to tender.
2. Quoting: Selected tenderers are requested to submit quotes based on specifications which will be provided only to those shortlisted.
3. Negotiation: Contract terms and final quotation will be negotiated with final companies

The following table shows the expected timeline of tender and project implementation (tentative):

Item	Date
Publication of contract notice	12/07/2019
Submission of shortlisting documents	28/07/2019
Publish tender specs and contract term proposal (drafts might be shared earlier)	02/08/2019
Submission of initial quote	16/08/2019
Negotiation and final quote submission	23/08/2019
Award	30/08/2019
Waiting time and final design clarification	09/09/2019
Delivery of first systems	Q4 2019 / Q1 2020
Delivery of final system	Q2 2020

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Any further announcements or changes will be posted on this page and also communicated via email to bidders.