



KTDA POWER COMPANY LTD

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REQUEST FOR EXPRESSION OF INTEREST (EOI) FOR SOLAR PV POWER GENERATION PLANTS AS INDEPENDENT POWER PRODUCER (IPP) FOR KTDA MANAGED REGIONAL POWER COMPANIES (TENDER REFERENCE: KTDA/040/2021)

1. Introduction

KTDA Power Company (KTPC) Ltd, a wholly-owned subsidiary of Kenya Tea Development Agency (KTDA) Holdings, develops and manages renewable energy solutions for KTDA managed tea factories through their respective regional power companies. These projects aim to provide cheaper, cleaner and more reliable electricity to the tea processing factories and national grid through Power Purchase Agreements (PPAs)

To address the growing need for renewable energy and to cover factories with insufficient hydropower resources, KTPC has embarked on developing solar PV solutions. Through a grant from the United States Trade and Development Agency (USTDA), KTPC assessed the Solar PV potential for twenty (29) tea factories. The study concluded that all factories studied have sufficient energy demand and solar resources to develop a financially and technically viable Solar PV project.

KTPC intends to develop solar PV through Independent Power Producers (IPP) who will design, procure, construct, finance and operate the solar PV projects. The IPP will enter into a Power Purchasing Agreement (PPA) with the respective factory to purchase the generated energy.

2. The IPP Solar PV Projects

The Solar PV projects capacity will range from 300 kW to 1,000kW varying from factory to factory with the mean capacity of about 500 kW. A typical factory with an installed capacity of 600 kW solar PV can have annual day time demand of 1,594,172 kWh, which is about 50% of the total demand. KTPC will provide detailed information on energy consumption and power demand to the shortlisted bidders at later bidding stages.

The intention is to aggregate between five and ten projects which the successful IPP will then develop. However, the IPP will construct each project at each respective factory as aggregation aims to promote economies of scale.

3. Expression of Interest (EOI)

KTPC seeks to shortlist eligible, qualified and interested Independent Power Producers (IPP) to finance, install, and operate Solar PV project or aggregated solar PV projects of installed capacity ranging from 300kW to 1,000kW. The projects can include or exclude battery storage. The shortlisted IPPs will be invited to bid for the works.

The proposed scope of work for the IPP shall include but not limited to the following:

- 1) Arrange for and source all the financing required for the project(s) based on the PPA to be signed with the respective tea processing factory.
- 2) Engineering, Procurement and Construction (EPC) of the projects
- 3) Commissioning and Testing of the projects to meet specified performance criteria
- 4) Operation and Maintenance of the plants
- 5) Refurbishment and handover of the plants to the factories at the end of the agreed PPA term.

The land required for the projects will be identified prior to the tender and will be provided to the IPP by the factory either free of charge or leased for the PPA term.

4. Eligibility Criteria

Bidders applying need to meet the following eligibility criteria:

- a) Technical Experience in Implementation and Operation of Solar PV projects: The bidder must have undertaken solar PV projects in the past 10 years with a cumulative capacity of at least 5 MW. At least one of the projects having a single capacity of at least 600kW. In the projects, the bidder must have been either or all of the following:
 - I. Engineering, Procurement, Construction (EPC) Contractor
 - II. Operations & Management (O&M) contractor
 - III. Independent Power Producer
- a) Demonstrate evidence of mobilization and arrangement of funds for large renewable energy projects with ticket size greater than one million US dollars.
- b) The bidder or companies forming a consortium must have been established and operating for at least 5 years.

5. General Instructions and Submission Details

Interested Companies must provide information indicating that they are qualified to perform the services and meet the eligibility criteria listed in this Call for Expression of Interest. The following documents are to be provided by the bidder:

- a) Supporting documents confirming the company meets the eligibility criteria mentioned in section 4 above, including references for the projects provided as evidence and statutory documents including company and tax registrations.
- b) Bidder's audited financial statements for the past three financial years.

Companies may act as part of a formal consortium to leverage their capabilities provided that the consortium in total fulfils all eligibility criteria mentioned above.

Bidders must submit all the required EOI documents and any accompanying documents in English. Any documents not submitted in English will be designated as "Unacceptable" and will not qualify for further assessment.

Further information may be obtained during working hours from:

The General Manager, KTDA Power Co. Ltd
KTDA Farmers Building, Moi Avenue
P.O. Box 30213 – 00100, NAIROBI.
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+254733913580/1, +254733363647
E-mail: procurement@ktdateas.com

Expressions of Interest with any accompanying materials, daytime contact telephone number(s) and e-mail addresses should be submitted in sealed envelopes, clearly labeled "**Expression of Interest for Solar PV Power Generation Plants**" and tender Reference should be addressed to: -

The General Manager, KTDA Power Co. Ltd
Kenya Tea Development Agency (H) Ltd,
KTDA Farmers Building, Moi Avenue,
NAIROBI, Kenya.

Completed EOI documents should be deposited in the tender box at reception on ground floor, KTDA Farmers Building, Moi Avenue Nairobi so as to be received on or before **30th March 2021 at 9.00 AM.**

Due to the COVID 19 pandemic the tender opening shall be virtual through a video link. Bidders shall be provided with the log in credentials before the tender opening

Canvassing will lead to automatic disqualification from the tendering process.

BROWN M. KANAMPIU
GROUP HEAD OF PROCUREMENT AND LOGISTICS