



RURAL ELECTRIFICATION AGENCY
FEDERAL REPUBLIC OF NIGERIA

REQUEST FOR EXPRESSION OF INTEREST FOR JIGAWA 1GW SOLAR IPP PROGRAMME: ENGAGEMENT OF CONSULTANT TO UNDERTAKE FEASIBILITY STUDIES AND MASTER PLAN DESIGN FOR THE SOLAR POWER PROGRAMME

Funding Organization: Sustainable Energy for Africa (SEFA) / African Development Bank Group

Grant Agreement reference: ML-0024

Project ID No.: G-NG-FF0-PRE-001

Name of the assignment: Feasibility Studies and Masterplan Design for Solar Power Program

Place of assignment: Nigeria (Abuja/ Jigawa State)

Duration of assignment: Circa 9 Months

Last date for expressing interest: September 20, 2018

Expression of interest to be submitted to: jigawaenergycity@rea.gov.ng

1. INTRODUCTION

The Rural Electrification Agency has received financing from the Sustainable Energy Fund for Africa (SEFA) hosted at the African Development Bank towards the development of the Jigawa 1GW Solar IPP Procurement Programme (the "Programme"). At full scale, the Programme entails the design and implementation of a competitive IPP procurement programme for the design, construction and operation of 1GW solar power plant, comprised of different technologies including, solar PV and concentrated solar power in Gwiwa, Jigawa State. The power will be wheeled via a 330kV or 132kV line to be constructed to the nearest load point.

2.0 DESCRIPTION OF THE PROJECT.

- i. The Jigawa Energy City (JEC) was originally conceived by the Federal Ministry of Power, Works and Housing in partnership with the Jigawa State Government to develop a world class energy city for renewable energy generation companies to harness abundant sunlight in the state to produce 1,000 MW of power for evacuation onto the National grid.
- ii. The African Development Bank is giving the FGN a grant through the REA to carry out the feasibility studies and design of a master plan for the programme.

3.0 OBJECTIVES OF THE ASSIGNMENT

The objective of the assignment is to provide masterplan and feasibility studies to enable developers interested in participation in development of solar power plants in the 1,000 MW Jigawa Energy City (JEC) clearly understand the resources available for them to tap into and utilize in order to ensure the sustainability of the project.

4.0 SCOPE OF ASSIGNMENT

The scope of this assignment shall include but not limited to the following:

- 1) Geotechnical surveys

- 2) Energy resource/yield analysis
- 3) Masterplan for the entire 2,049.61 ha site for optimal use.
- 4) Other relevant feasibility studies and inputs that may enhance the development of the Jigawa Energy city within the set time.

5.0 ELIGIBILITY CRITERIA

Eligibility criteria, establishment of the short-list and the selection procedure shall be in accordance with the African Development Bank's "Procurement Framework, dated October, 2015, which is available on the Bank's website at <http://www.afdb.org>.

Interested consultants may obtain further information by sending their request in writing at the following email: jigawaenergycity@rea.gov.ng

6.0 SHORT-LISTING CRITERIA

Shortlisting criteria for all consulting firms or firms in Joint Venture shall include:

- a) Minimum of 5 years professional experience in conducting feasibility studies or for rendering consultancy services to solar power projects.
- b) Evidence of similar assignment to include award letters/interim or completion certificate, brochures, pictures and other testimonials.
- c) Availability of at least 5 suitable professional personnel with requisite cognate experience in renewable energy consulting (Attach the Curriculum Vitae of each key personnel).
- d) If firm is in a Joint venture, inclusion of the Joint Venture Agreement clearly defining and showing the role of each partner or member of the venture is mandatory.

7.0 SUBMISSION OF EXPRESSION OF INTEREST

- A. All submissions must be in English Language
- B. Interested consultants may obtain further information by sending their request in writing at the following email: jigawaenergycity@rea.gov.ng
- C. Expressions of interest must be delivered **via email** by September 20, 2018 E-mail: jigawaenergycity@rea.gov.ng

Signed
MANAGEMENT