



Government of the Republic of the Sudan
Ministry of Energy & Petroleum

**NATIONAL CHILD MINIGRID PROJECT UNDER THE GEF AFRICA MINIGRID
PROGRAMME, SUDAN
REQUEST FOR EXPRESSIONS OF INTEREST
(CONSULTING SERVICES – INDIVIDUAL CONSULTANT)
INTERNAL JOB**

Project ID: 00126615

As part of the UNDP-supported, GEF-financed Africa Minigrid Program (AMP) that the Government of the Republic of the Sudan received finance from the GEF to finance the **NATIONAL CHILD MINIGRID PROJECT**

The project's main objective is to develop solar PV Minigrid as a major avenue for rural electrification in Sudan's rural energy landscape, which is currently an underdeveloped market in which private sector involvement and appetite has been very limited in the past.

The project aims to construct three solar power plants to form a hybrid system with diesel plants Located in three states (will be selected later).

It is intended that part of the proceeds will be applied to eligible payments under the contracts for the recruitment of individual consultant for the position of: *Project Manager* (full-time) who will be a member of the project implementation unit (PIU). The PIU will be in Khartoum City.

Ministry of Energy & Petroleum now invites eligible individual consultants to indicate their interest in the above assignment. Interested consultants must provide information indicating that they are qualified to perform the services in the form of curriculum vitae (CV) detailing position held, project experiences and detailed tasks performed.

The only sort listed candidates will be contacted. the estimated duration of the contract is 12 months with possibility of extension subject to satisfactory performance. The estimated starting date of the assignment is February 2023.

Interested consultants may obtain Terms of Reference (ToRs) for the service or further information from www.wepds.org.

Expressions of Interest, detailed CV with attached photocopies of relevant certificates/ testimonials, and telephone contact **in English** and in sealed envelope clearly marked "*Expression of Interest for Project Manager*" should be submitted to the following address and electronic copy to the below emails:

Ministry of Energy & Petroleum
Renewable Energy General Directorate
Khartoum -Almogran
Eng. Zeinab Mohamed Hassan.

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Electronic Copy to Emails:

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Dead line of submission date is 15th February 2023 12:00 am, local time Khartoum



The REPUBLIC OF SUDAN
Ministry of Energy & Petroleum

Project: NATIONAL CHILD MINIGRID PROJECT UNDER THE GEF AFRICA MINIGRID

Project ID.: 00126615

TERMS OF REFERENCE FOR RECRUITMENT OF EXPERTS FOR PROJECT IMPLEMENTATION UNIT (PIU)

1. Background

Sudan's future socio-economic development depends critically on its ability to reduce dependence on fossil fuels. This is critical as Sudan is currently a fossil fuel-poor country. Sustainable Development Goals (SDG7) seeks affordable and reliable energy for all, and this is critical for the development agenda in Sudan. Sectors such as education, health, agriculture need electricity as a key pillar to fully succeed and unfold. In this regard, Sudan has set a target of achieving 80% electricity access by 2030.

Sudan is categorized as a hyper-arid country that is prone to extreme climate events especially droughts. With climate projections showing that the country will continue to experience increased warming, reduced rainfall and prolonged and severe droughts, climate change will continue to impact agricultural production and food security. Thus, adopting less/zero emitting alternative energy sources (solar power) as proposed in this project will contribute to helping Sudan lower its GHG emissions from the agricultural sector and enable the country to meet her international climate change commitments as outlined in her Intended Nationally Determined Contribution. It will also enable Sudan to exploit solar energy that has so far remained underexploited.

Although Sudan presents a high opportunity for renewable energy Minigrid, the uptake of this technology solution for rural electrification has been overlooked in the past. The Sudanese Thermal Generation Company (STGC) operates around a handful of the so-called diesel off-grid stations, which are essentially diesel Minigrid.

This Africa Minigrid Program national child project for Sudan will support the uptake of solar PV in Minigrid, as a cornerstone to help Sudan's renewable energy uptake, decrease their fuel dependency (in particular in off-grid settings), boost new electricity connections and piggyback on previous, existing efforts towards gender equality and gender opportunities too. In this regard, Sudan's target of achieving 80% electrification rate by 2030 is supported by this Child project.

This project seeks to increase access to clean energy by increasing the financial viability, and promoting scaled-up commercial investment, in low-carbon Minigrid in Sudan with a focus on cost-reduction levers and innovative business models.

The General Directorate of Renewable & Alternative Energy under the Ministry of Energy & Petroleum is the Project Executing/Implementing Agency of the Project Titled "**Sudan, National Child Project under the GEF Africa Minigrid Programme**". This project is funded by the **GEF/UNDP**.

The project's main objective is to develop solar PV Minigrid as a major avenue for rural electrification in Sudan's rural energy landscape, which is currently an underdeveloped market in which private sector involvement and appetite has been very limited in the past. To achieve this, the policy and regulation component work and proposed activities is set to play a key role, as Sudan has not developed any off-grid legislation or policy framework. A simple registration process for LV mini-grids is recommended as one of the first project's activities to stimulate bottom-up proposals.



The project is Located in three states (will be selected later), it has two main components with two main outcomes with some activities under main outputs.in order to ensure effective implementation of the **Sudan, National Child Project under the GEF Africa Minigrid Programme**, the Ministry of Energy & Petroleum is seeking a high professional Sudanese Nationals to fill the positions, listed below:

Duration of Services

The estimated duration of project is four (4) years. The duration of contract is one year with the possibility of extension of the service contract based on performance of the expert (individual). However, the Project Executing Agency reserves the right to terminate the contract at any time, giving 30-days prior notice, in case the performance of the expert is found unsatisfactory

Selection Methodology

The only short listed candidates will be contacted; interested consultants may obtain Terms of Reference (ToRs) for the service or further information from www.wepstd.org .

The Executing Agency will shortlist three to six individual applicants for each position based on the scores secured by these applicants against the evaluation criteria set in the Request for the Expression on Interests.

The shortlisted applicants will be invited for interviews, and applicant's performance in the interviews will be rated out of 100 points. The Executing Agency will combine the results of the shortlisting and the interview processes applying weightings of 0.60 and 0.40 respectively. The applicants will then be ranked on the basis of the combined score.

The applicant with the highest combined score will be invited to negotiate the price and the terms of the contract. If agreement is reached on the negotiations, contract will be concluded with this applicant. Otherwise, the Executing Agency will approach the second ranked applicant and initiate a fresh contract negotiation with this applicant in view of concluding a contract. This process will be repeated in the order of ranking of the applicants until a contract is successfully concluded. Only an applicant with a combined score of 70 points or above will be considered for the position.

2. Terms of Reference for Project Manager

1 - Project Manager (full-time)

Duties and responsibilities:

Operational project management in accordance with the Project Document and the UNDP guidelines and procedures for nationally implemented projects, including:

- General coordination, management and supervision of Minigrid project implementation.
- Managing the procurement process for Minigrid equipment in consultation with UNDP and the Ministry of Energy and Petroleum (including setting specifications, bidding process, and contracting and managing contractors' works).
- Preparing project budget under the supervision of UNDP to assure timely involvement of local and international experts, organisation of training and public outreach, purchase of required equipment etc. in accordance with UNDP rules and procedures.
- Submission of annual Project Implementation Reviews (PIR) and other required progress reports (such QPRs) to the Project Board, Executing Agency and the UNDP in accordance with the section "Monitoring and Evaluation" of the Project Document.
- Ensuring effective dissemination of, and access to, information on project activities and results, (including a regularly updated project website).
- Supervising and coordinating the contracts of the experts working for the project.



As applicable, communicating with the project's international partners and attracting additional financing in order to fulfil the project objectives.

- Ensuring otherwise successful completion of the project in accordance with the stated outcomes and performance indicators summarized in the project's log frame matrix and within the planned schedule and budget.
- Identify and seek corrective measures for emerging problems.

Expected Qualifications:

Recruitment Qualifications	
Education:	<ul style="list-style-type: none"> - At least MSc degree in electrical / mechanical engineering or related field of expertise, including renewable energy, solar energy, electrical power and related fields.
Experience:	<p>The incumbent should have at least 10 years of electrical and solar energy related work experiences including:</p> <ul style="list-style-type: none"> - Experience in managing projects of similar complexity and nature (connected & isolated grid) (hybrid systems (diesel +solar energy), including demonstrated capacity to actively explore new, innovative implementation and financing mechanisms to achieve the project objective. - Experience in working with the national and isolated grids in Sudan - Highly knowledgeable about PV installations of all sizes and management of complex logistics of solar PV projects - Demonstrate ability to multi-task and handle multiple projects installations at one time - Committed to sustainability and passionate about solar energy - Demonstrated experience and success in the engagement of, and working with, the private sector and NGOs, creating partnerships and leveraging financing for activities of common interest; - Good analytical and problem-solving skills and the related ability to adaptively manage with prompt action on the conclusion and recommendations coming out from the project's regular monitoring and self-assessment activities as well as from periodic external evaluations; - Ability and demonstrated success to work in a team, to



	<p>effectively organize it, and to motivate its members and other project counterparts to effectively work towards the project's objective and expected outcomes;</p> <ul style="list-style-type: none">- Good communication skills and competence in handling project's external relations at all levels;- Additional required experiences include the excellent command of MS office applications (Word, Excel, Access, and Power Point) and have experiences on networking and strengthening capacity of CBOs/CSOs and proven ability to lead a team and to plan and organize work productively with the team.
Language Requirements:	<ul style="list-style-type: none">- Excellent oral and written command of English and Arabic.- Experience in developing countries, and preferably in North Africa; and- Familiarity and prior experience with UNDP are considered an asset.