

# Request for Expressions of Interest

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## Sustainable Electrification of Isolated Areas through Renewable Energy Microgrids

**Agence Française de Développement**



**August 2026**

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## ARAB REPUBLIC OF EGYPT

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### Sustainable Electrification of Isolated Areas through Renewable Energy Microgrids

## CONSULTING SERVICES

### Expressions of Interest

The Ministry of Electricity and Renewable Energy (“**MoERE**”) of the Arab Republic of Egypt has received financing from the Agence Française de Développement (“**AFD**”). It intends to use part of the funds thereof for payments under the following project: Sustainable Electrification of Isolated Areas through Renewable Energy Microgrids (EEHC)

The Agence Française de Développement (AFD) a bilateral financial institution implementing French development policy financing- (“The Grand Financier”) has agreed to provide a budget support financing to the GoE to accompany the implementation of the energy reforms that it deems essential for the sustainable development of the energy sector. This support includes technical assistance (TA) to the Ministry of Electricity and Renewable Energy (MoERE) and its affiliates (jointly referred to as “The Client”) on the topic concerned with procurement and coordination expert (“The Assignment”). This assignment is part of the TA Program supporting **actions and policy reforms for the Egyptian energy transition**.

Within this context, the AFD has agreed to make available to the GoE a Global Grant of up to 1 million Euro (EUR 1,000,000) to finance technical assistance (the "Project") aiming at supporting the implementation of key measures towards the reform of the energy sector in Egypt and under the objectives presented in this Request for Expressions of Interest “**REoi**”.

Egyptian Electricity Holding Company (EEHC), established in 1976 as the Egyptian Electricity Authority, plays a vital role in Egypt's energy sector, overseeing the generation, transmission, and distribution of electricity nationwide. EEHC is focused on addressing the energy requirements of remote areas that are disconnected from the main electricity grid, particularly in regions such as Kharga & Farafra, Halaib & Shalateen, and Marsa Alam & Qusair, which experience limited access to reliable electricity. This initiative aims to improve the quality of life, foster economic development, and reduce greenhouse gas emissions. To this end, EEHC is looking to hire a consultant to identify suitable Microgrid models for these isolated areas and implement a pilot project in one of these regions. This project will serve as a model for the energy transition towards a more resilient and environmentally sustainable energy system.

The Services of the Consultant shall consist of but not limited of the following:

- **Technical Assessment:** the consultant will focus on both the supply and demand sides of microgrid implementation in isolated areas of Egypt. On the supply side, the assessment will identify appropriate microgrid technologies suitable for these regions and evaluate the feasibility of integrating renewable energy sources. On the demand side, the assessment will define daily load profiles specific to isolated areas.
- **Regulated tariff model:** The consultant should develop a regulated tariff model that guarantees affordability for residents while ensuring the long-term sustainability of the energy system. This involves developing a tariff structure that balances cost recovery with accessibility for consumers.

- Financial assessment: Following the tariff model, the consultant should focus on evaluating the financial viability of microgrid projects in relation to the proposed tariff model. This analysis will include a comprehensive cost comparison between microgrid solutions and traditional fossil fuel options. Additionally, the assessment will involve running various scenarios and forecasts based on different macroeconomic assumptions.
- Challenges and opportunities Assessment: The challenges and opportunities assessment will focus on identifying potential obstacles in the implementation and operation of microgrid systems, taking into account various factors such as technical, financial, regulatory, and social aspects.
- Performance metric: The consultant will develop performance metrics which involve establishing key performance indicators (KPIs) and developing a dashboard specifically designed for microgrid projects. This framework will facilitate the monitoring and evaluation of project performance, allowing stakeholders to track progress, assess efficiency, and make informed decisions based on real-time data.
- Legal and regulatory review [optional]: The legal and regulatory review will focus on the implementation of renewable microgrid regulations in Egypt to facilitate the execution of pilot projects. The consultant will assess the existing legal and regulatory framework surrounding isolated energy systems in the country, identifying gaps in relation to internationally recognized standards for the development of microgrid and off-grid solutions.
- Feasibility study for one of the isolated areas: The consultant will provide a comprehensive feasibility study includes technical, financial, and environmental analysis based on renewable energy resources as a pilot microgrid project for one of the isolated areas. Moreover, they will also provide extensive Terms of Reference (TOR) documents that state terms of conditions for evaluation describe the deliverables, deadlines, and scope of work.
- Implementation of pilot project: The consultant will prepare two comprehensive Request for Proposal (RFPs) packages one for the implementation contractor and one for the implementation supervision consultant that provides a detailed technical specifications, financial conditions, and evaluation criteria. Additionally, perform a financial analysis for planning, acquiring, and installing renewable energy systems, and make recommendations to stakeholders to ensure the selection of qualified suppliers. Also, the consultant will be responsible for preparing contract forms in accordance with relevant regulations and standard codes, as well as managing the signing procedure.

The MoERE of the Arab Republic of Egypt hereby invites Applicants to show their interest in delivering the Services described above.

This Request for Expressions of Interest is open to:

- |                                                      |                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Consulting firms | <input type="checkbox"/> Individual consultants                              |
| <input type="checkbox"/> NGOs                        | <input type="checkbox"/> Joint Venture between NGO(s) and consulting firm(s) |

Eligibility criteria to AFD financing are specified in sub-clause 1.3 of the "Procurement Guidelines for AFD-Financed Contracts in Foreign Countries", available online on AFD's website: [www.mooc-campus.afd.fr](http://www.mooc-campus.afd.fr).

The Applicant shall submit only one application, either in its own name or as a member of a Joint Venture (JV). If an Applicant (including any JV member) submits or participates in more than one application, those applications shall be all rejected. However, the same Subconsultant may participate in several applications.

If the Applicant is a JV, the expression of interest shall include:

- A copy of the JV Agreement entered into by all members,

or

- A letter of intent to execute a JV Agreement, signed by all members together with a copy of the Agreement proposal,

In the absence of this document, the other members will be considered as Subconsultants.

Experiences and qualifications of Subconsultants are not taken into account in the evaluation of the applications.

Interested Applicants must provide information evidencing that they are qualified and experienced to perform those Services. For that purpose, documented evidence of recent and similar services shall be submitted.

Determination of the similarity of the experiences will be based on:

- The contracts size and duration;
- Experience profile and advisory services on microgrid systems, suitable microgrid technologies, feasibility study of renewable energy sources, Microgrid technical designs, load profile for remote areas, suitable sustainable solutions;
- Technical area and expertise in developing and delivery microgrid models for Egypt's isolated areas, including feasibility studies, tariff models, provide RFP documentations, financial analysis, dashboard for microgrid projects, detailed TOR documents;
- Demonstrated experience in providing consulting services to Electricity Utilities;
- Regional experience working in Egypt, Middle-East and North Africa;
- Working experience in developing cooperation projects.

The Client will also take into account for the evaluation of the applications the following items:

- Technical skills and availability of the in-house experts;
- Availability of local representation and partners;
- Quality assurance procedures and certifications of the Applicant such as ISO 90001.

Among the submitted applications, the MoERE for the Arab Republic of Egypt will shortlist a maximum of six (6) Applicants, to whom the Request for Proposals to carry out the Services shall be sent.

The Expressions of Interest must be submitted to the address below no later than **the 7<sup>th</sup> of September 2026**

Eng. Abdelwahab Qamar: Project Manager

E-mail: [abdelwahab.eeu@gmail.com](mailto:abdelwahab.eeu@gmail.com)

Interested Applicants may obtain further information at the addresses below during office hours 09:00 am to 03:00 pm:

- Eng. Abdelwahab Qamar: Project Manager  
Phone: 02-20532824, E-mail: [abdelwahab.eeu@gmail.com](mailto:abdelwahab.eeu@gmail.com)

The Governmental District, New Administrative Capital, Cairo, Egypt, The Head quarter Building 6th floor, international cooperation Dept.

Attention: Eng. Abdelwahab Qamar

Tel : + 202 20532824

**Appendix to The Request for Expressions of Interest  
(To be submitted with the application, signed and unaltered)**

**Statement of Integrity, Eligibility and Environmental and Social Responsibility**

Reference of the bid or proposal \_\_\_\_\_ (the "**Contract**")

To: \_\_\_\_\_ (the "**Contracting Authority**")

١. We recognise and accept that *Agence Française de Développement* ("**AFD**") only finances projects of the Contracting Authority subject to its own conditions which are set out in the Financing Agreement which benefits directly or indirectly to the Contracting Authority. As a matter of consequence, no legal relationship exists between AFD and our company, our joint venture or our suppliers, contractors, subcontractors, consultants or subconsultants. The Contracting Authority retains exclusive responsibility for the preparation and implementation of the procurement process and performance of the contract. The Contracting Authority means the Purchaser, the Employer, the Client, as the case may be, for the procurement of goods, works, plants, consulting services or non-consulting services.
٢. We hereby certify that neither we nor any other member of our joint venture or any of our suppliers, contractors, subcontractors, consultants or subconsultants are in any of the following situations:
  - 2.1 Being bankrupt, wound up or ceasing our activities, having our activities administered by the courts, having entered into receivership, reorganisation or being in any analogous situation arising from any similar procedure;
  - 2.2 Having been:
    - a) convicted, within the past five years by a court decision, which has the force of *res judicata* in the country where the Contract is implemented, of fraud, corruption or of any other offense committed during a procurement process or performance of a contract (in the event of such conviction, you may attach to this Statement of Integrity supporting information showing that this conviction is not relevant in the context of this Contract);
    - b) subject to an administrative sanction within the past five years by the European Union or by the competent authorities of the country where we are constituted, for fraud, corruption or for any other offense committed during a procurement process or performance of a contract (in the event of such sanction, you may attach to this Statement of Integrity supporting information showing that this sanction is not relevant in the context of this Contract);
    - c) convicted, within the past five years by a court decision, which has the force of *res judicata*, of fraud, corruption or of any other offense committed during the procurement process or performance of an AFD-financed contract;
  - 2.3 Being listed for financial sanctions by the United Nations, the European Union and/or France for the purposes of fight-against-terrorist financing or threat to international peace and security;
  - 2.4 Having been subject within the past five years to a contract termination fully settled against us for significant or persistent failure to comply with our contractual obligations during contract performance, unless this termination was challenged and dispute resolution is still pending or has not confirmed a full settlement against us;
  - 2.5 Not having fulfilled our fiscal obligations regarding payments of taxes in accordance with the legal provisions of either the country where we are constituted or the Contracting Authority's country;

- 2.6 Being subject to an exclusion decision of the World Bank and being listed on the website <http://www.worldbank.org/debar> (in the event of such exclusion, you may attach to this Statement of Integrity supporting information showing that this exclusion is not relevant in the context of this Contract);
  - 2.7 Having created false documents or committed misrepresentation in documentation requested by the Contracting Authority as part of the procurement process of this Contract.
٣. We hereby certify that neither we, nor any of the members of our joint venture or any of our suppliers, contractors, subcontractors, consultants or subconsultants are in any of the following situations of conflict of interest:
- 3.1 Being an affiliate controlled by the Contracting Authority or a shareholder controlling the Contracting Authority, unless the stemming conflict of interest has been brought to the attention of AFD and resolved to its satisfaction;
  - 3.2 Having a business or family relationship with a Contracting Authority's staff involved in the procurement process or the supervision of the resulting Contract, unless the stemming conflict of interest has been brought to the attention of AFD and resolved to its satisfaction;
  - 3.3 Being controlled by or controlling another bidder or consultant, or being under common control with another bidder or consultant, or receiving from or granting subsidies directly or indirectly to another bidder or consultant, having the same legal representative as another bidder or consultant, maintaining direct or indirect contacts with another bidder or consultant which allows us to have or give access to information contained in the respective applications, bids or proposals, influencing them or influencing decisions of the Contracting Authority;
  - 3.4 Being engaged in a consulting services activity, which, by its nature, may be in conflict with the assignments that we would carry out for the Contracting Authority;
  - 3.5 In the case of procurement of goods, works or plants:
    - a) Having prepared or having been associated with a consultant who prepared specifications, drawings, calculations and other documentation to be used in the procurement process of this Contract;
    - b) Having been recruited (or being proposed to be recruited) ourselves or any of our affiliates, to carry out works supervision or inspection for this Contract.
٤. If we are a state-owned entity, and to compete in a procurement process, we certify that we have legal and financial autonomy and that we operate under commercial laws and regulations.
٥. We undertake to bring to the attention of the Contracting Authority, which will inform AFD, any change in situation with regard to points 2 to 4 here above.
٦. In the context of the procurement process and performance of the corresponding contract:
- 6.1 We have not and we will not engage in any dishonest conduct (act or omission) deliberately intended to deceive others, to intentionally conceal items, to violate or vitiate someone's consent, to make them circumvent legal or regulatory requirements and/or to violate their internal rules in order to obtain illegitimate profit;
  - 6.2 We have not and we will not engage in any dishonest conduct (act or omission) contrary to our legal or regulatory obligations or our internal rules in order to obtain illegitimate profit;
  - 6.3 We have not promised, offered or given and we will not promise, offer or give, directly or indirectly to (i) any Person who holds a legislative, executive, administrative or judicial mandate within the State of the Contracting Authority regardless of whether that Person was nominated or elected, regardless of the permanent or temporary, paid or unpaid nature of the position and regardless of the hierarchical level the Person occupies, (ii) any other Person who performs a public function, including for a State institution or a State-owned company, or who provides a public service, or (iii) any other person defined as a Public Officer by the national laws of the Contracting Authority's country, an undue advantage of

any kind, for himself or for another Person or entity, for such Public Officer to act or refrain from acting in his official capacity;

- 6.4 We have not promised, offered or given and we will not promise, offer or give, directly or indirectly to any Person who occupies an executive position in a private sector entity or works for such an entity, regardless of the nature of his/her capacity, any undue advantage of any kind, for himself or another Person or entity for such Person to perform or refrain from performing any act in breach of its legal, contractual or professional obligations;
- 6.5 We have not and we will not engage in any practice likely to influence the contract award process to the detriment of the Contracting Authority and, in particular, in any anti-competitive practice having for object or for effect to prevent, restrict or distort competition, namely by limiting access to the market or the free exercise of competition by other undertakings;
- 6.6 Neither we nor any of the members of our joint venture or any of our suppliers, contractors, subcontractors, consultants or subconsultants shall acquire or supply any equipment nor operate in any sectors under an embargo of the United Nations, the European Union or France;
- 6.7 We commit ourselves to comply with and ensure that all of our suppliers, contractors, subcontractors, consultants or subconsultants comply with international environmental and labour standards, consistent with laws and regulations applicable in the country of implementation of the Contract, including the fundamental conventions of the International Labour Organisation (ILO) and international environmental treaties. Moreover, we shall implement environmental and social risks mitigation measures when specified in the environmental and social commitment plan (ESCP) provided by the Contracting Authority.
- Y. We, as well as members of our joint venture and our suppliers, contractors, subcontractors, consultants or subconsultants authorise AFD to inspect accounts, records and other documents relating to the procurement process and performance of the contract and to have them audited by auditors appointed by AFD.

Name: \_\_\_\_\_ In the capacity of: \_\_\_\_\_

Duly empowered to sign in the name and on behalf of: \_\_\_\_\_

Signature: \_\_\_\_\_

Dated: \_\_\_\_\_

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<sup>Y</sup> In case of joint venture, insert the name of the joint venture. The person who will sign the application, bid or proposal on behalf of the applicant, bidder or consultant shall attach a power of attorney from the applicant, bidder or consultant.