**Call for**

**Expression of Interest (EOI) for an Engineering Design Firm**

**IMC’s Lebanon project: USAID INARA (Innovation for Affordable and Renewable Energy for All)**

**USAID funded**

**About IMC Worldwide, Inc. (IMC)**

IMC is currently working in more than 40 countries across Africa; South, South-East and Central Asia; Eastern Europe; the Middle East; and the Caribbean, delivering specialist consulting services to central governments, donor organizations and private sector corporations in developing and transitional countries, particularly in relation to development, management, and infrastructure. We work across a diverse range of sectors and disciplines bringing over 50 years' experience of working with government agencies, local authorities and with communities themselves to help address some of the most difficult development problems and barriers to poverty reduction. We work with all of the major international development agencies throughout the world including United States Agency for International Development (USAID), Department for International Development (DFID), European Union (EU), European Investment Bank (EIB), European Bank for Reconstruction and Development (EBRD), World Bank and Asian Development Bank (ADB) as well as UN agencies and NGOs. We provide a full range of professional consulting services including:

* Infrastructure and engineering.
* Environment, energy and climate change.
* Inclusive Growth.
* Innovation.
* WASH.
* Monitoring, evaluation, and learning.
* Cities and Sustainability.
* Renewable Energy.

**Project background: USAID INARA (Innovation for Affordable and Renewable Energy for All)**

Through INARA, USAID seeks to increase the supply of electricity generation at the community level in Lebanon and to increase the cost-effectiveness, eco-friendliness, sustainability, and reliability of power supply, while clarifying and strengthening the enabling environment for renewable energy-based electrical power generation.

IMC is looking for a Professional Engineering Consulting firm to bring advanced engineering expertise to support project delivery. The successful firm(s) will work with IMC to identify, design, and deliver Renewable Energy solutions in selected locations in Lebanon.

**Scope of Work**

The scope of work (SOW) may include, but is not limited to, the design of one or more hybrid energy system solutions covering solar, wind, hydro, thermal and battery storage systems. The successful firm(s) shall direct and manage selected tasks, including:

1. Project design
2. Concept development
3. Project evaluation and selection
4. Feasibility studies
5. Outline designs including BOQ and technical specifications
6. Procurement ready for solicitation and construction including complete detailed design and specifications
7. Reporting and technical documentation post project commissioning (as built)
8. Power plant and electric network operation and maintenance training
9. Testing, commissioning, and handing over of the project

Please note the scope of consulting services may vary from one intervention location to another depending upon the specific need as instructed by IMC.

Since the intervention and the location of the project site are still undetermined, there will be a provision for secondary bidding exercise among shortlisted candidates. This REOI is to pre-qualify several firms for initial selection and will be followed by bids for specific work under the project.

**Minimum Eligibility Criteria:**

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| Qualifications | Company Benchmark  |
| Relevant fields of business  | * Minimum 7 years of experience in Renewable Energy solutions.
* Minimum 5 years of experience in commercial or utility scale solar PV solutions (individual project’s capacity of 250 kWp and above).
* Minimum 3 years of experience in hybridization and synchronization of RE, variable generation, or inverter-based systems with conventional/thermal sources (individual project aggregate rating of 200 kW and above).
* Past experience with multi-generator control and synchronization systems with an aggregate rating of 500 kW or larger.
* Minimum 5 years of experience in commercial or utility scale battery energy storage solutions.
* Minimum 5 years of experience in power distribution solutions including design of low and medium voltage grids.
* Experience in wind and hydro would be a plus.
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| Relevant experience | * Minimum of 5 contracts or service agreements completed, each for a project valued above $500k and providing one or a combination of the above services to local or international agencies, governmental, non-governmental organizations, or the private sector.
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| Financial Status  | * Annual turnover: >USD 1,000,000
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**Submission Details:**

The submission should not exceed 20 pages. Interested Companies must provide information indicating that they are qualified to perform the services related to the engineering – design of Renewable Energy systems applied to a community level (i.e., municipality). Interested companies need to demonstrate they have the resources and capacity to service the project (i.e., licensed software, survey equipment, trained CAD & GIS staff, etc.)

- **What** to submit:

A brief on previous similar projects detailing the project size in US$, client, period of performance, and description;

Company certificate of registration;

Proof of financial capacity;

Internal policies on risk management;

Professional insurance, quality control, safeguarding, and similar;

Professional references from two clients in Lebanon or the region.

- **How** to submit: by email EOI\_INARA@imcworldwide.com

- **When**: By 23:59 hrs. Lebanon time, February 20, 2022. Any EOI received after the above deadline will not be considered.

EOI from suppliers failing to provide the requested information will be disregarded. Request for Proposals and any subsequent purchase order will be issued in accordance with the rule and procedures of IMC.

This EOI does not entail any commitment on the part of IMC, either financial or otherwise. IMC reserve the right to accept or reject any or all EOI without incurring any obligation to inform the affected applicant/s of the grounds.

NO CALLS PLEASE.