



CALL FOR EXPRESSIONS OF INTEREST

FOR THE

DESIGN, SUPPLY AND INSTALLATION OF DECENTRALIZED RENEWABLE ENERGY SYSTEMS

Project Name : **DREG**
Project ID : 00086064
Type of Notice : Expressions of Interest
Notice Reference : EOI/CO/56/15
Issue Date : 23 April 2015
Closing Date : 26 May 2015

1. Background

The Small Decentralized Renewable Energy Power Generation Project, also known as DREG or the DREG Project, is funded by the Global Environment Facility (GEF) and implemented by the United Nations Development Programme (UNDP). The project is nationally executed by the Ministry of Energy and Water (MoEW) with the Lebanese Center for Energy Conservation (LCEC).

The project will catalyse the development of the small, decentralized, grid-connected renewable energy (RE) power generation market in Lebanon. The target is to facilitate the installation of at least 1.75 MW of new decentralized RE power generation capacity during the lifetime of the project, which would reduce approximately 35,500 tonnes of CO_{2eq} in greenhouse gas emissions (GHG).

The DREG Project aims at implementing model RE demonstration projects (solar PV, wind, small hydro, biomass, or biogas) for private businesses and industrial complexes, universities, tourist resorts, bakeries, etc., all of which depend on continuous and reliable electricity supply. The implementation of these projects is to be preceded by an energy audit for the selected facilities.

The UNDP is launching an Expression of Interest (EOI) for RE engineering companies specializing in the design and supply of renewable energy technologies to qualify for the design, supply and installation of decentralized renewable energy systems (without battery storage) for DREG's demonstration projects only. These systems must function in a hybrid manner with the national grid and the diesel gensets in a way to ensure that all renewable-generated electricity is either consumed or injected into the grid via net-metering thereby resulting in reduced electricity and diesel bills.

This EOI will be followed by an open application process for beneficiaries (industries and other business entities) to apply to UNDP for financial and technical support to be provided by the



DREG Project. The companies which will be selected through this EOI will be the only companies qualified and listed in the beneficiary application form. The beneficiary applicants and the qualified companies will then need to partner with one another to submit the beneficiary application for assistance from the DREG Project.

Therefore, unlike previous renewable energy projects implemented by the United Nations Development Programme (UNDP) in Lebanon, this EOI will not be followed by an Invitation to Bid for the implementation of works. Instead, the technical qualification process undertaken through this EOI will determine qualified companies that potential beneficiaries could then partner with in order to apply to the DREG project. The contracts and consequent payments for the design and supply of the renewable energy systems will be issued by the beneficiaries and not UNDP. The UNDP/DREG project will, during the beneficiary application process, only assess the quality of the design and cost-efficiency in order to select the beneficiary sites that will be supported by the project. More details on the full process can be found in Attachment 3 of this EOI.

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2. Objective

UNDP is launching an Expression of Interest (EOI) for the procurement of the following lots:

- Lot # 1:** Design, supply and installation of decentralized photovoltaic systems (without battery storage and starting at 50kW);
- Lot # 2:** Design, supply and installation of other decentralized renewable-energy systems (without battery storage and starting at 50kW);

3. General Requirements and Contacts

UNDP Lebanon invites interested firms to apply for prequalification for the provision of energy systems and services in one or more of the above-mentioned Lots. **The Expression of Interest (EOI), specifying the Lot(s) of interest, must be received by UNDP, in sealed envelopes, including the original EOI and one additional copy, no later than Tuesday 26 May 2015 at 2:00 pm, Beirut Local Time to:**

UNITED NATIONS DEVELOPMENT PROGRAMME (UNDP) PROCUREMENT Unit

Arab African International Bank Building
Third Floor, Room # 310
Riad El Solh, Banks Street, Facing SGBL Bank, Beirut, Lebanon
E-Mail: procurement.lb@undp.org

Please mention reference: EXPRESSION OF INTERST (EOI/CO/56/15) – For the DESIGN, SUPPLY AND INSTALLATION OF DECENTRALIZED RENEWABLE ENERGY SYSTEMS

4. Contents of the Expression of Interest (EOI) Submission

An Expression of Interest (EOI) submission **must** consist of the following documents in English:

Transmittal Letter indicating:

- Number and title of each Lot of interest for prequalification.
- Name, title address and telephone number of the Principal who will serve as the Contact for the project. The Principal must have been empowered to sign Legal Agreement with UNDP Lebanon and make decision for the firm on policy and contractual matters.



- c. Completed Declaration for No Conflict Of interest signed the Principle of the firm (Attachment 2).

For a Contractor Joint Venture, Transmittal Letter including:

- a. A Letter of Intent jointly signed by Senior Partners / CEOs of all firms, as part of their EoI submission. The Letter of Intent is to include the following:
- Undertaking that the firms will be working as Joint Venture for the purposes of the assignment.
 - Specialties / areas of work that each individual firms will be responsible for.
 - Lead firm for UNDP Lebanon Contact for the assignment. For the purposes of the assignment, UNDP Lebanon will deal with the Lead Firm as UNDP Lebanon Contact.
 - Name, title and telephone number of the Principal within the Lead Firm identified for the Joint Venture, to serve as the Contact for the project. The Principal must have been identified as the Contact and empowered to sign Legal Agreement with UNDP Lebanon and make decision for the firm on policy and contractual matters.
- b. Completed Declaration for No Conflict Of interest signed the Principles of all firms in a Consultant Joint Venture (Attachment 2).

Each firm is limited to ONE Expression of Interest (EoI) submission for a prime contractor. However, that firm may be considered for a sub-contractor to a submission by another firm.

5. Evaluation Methodology

EoI submissions will be checked for completeness. Respondents that fail to comply with the requirements of the EoI Notice will be rejected and the submitting firms notified.

A numerical assessment of each complete / acceptable submission will be performed against pre-defined Evaluation Criteria (Table: EoI Evaluation Criteria) leading to the technical score of the submission. Only information provided in the EoI submission will be considered in the evaluation.

It should be noted that short-listed applicants, to be invited for participation in any subsequent international competitive bidding exercise for the above-mentioned systems, will be prepared at the sole discretion of UNDP.

It should be noted that all international companies that pass the EoI will be required to provide proof of agreement with a local supplier when invited to bid at subsequent stages of international competitive bidding exercise.

It should equally be noted that applicants that receive less than 70% as total score will not be short-listed.



Table: EoI Evaluation Criteria

No.	Criteria	Range	Points	Remarks/additional information
1.	Background			(max. 20 points)
1.1	Year Established	> 10 5 – 10 < 5	3 2 1	
1.2	Size of Firm/JV (i.e. No of employees)	> 50 25 – 50 < 25	4 3 1	Please add values of each JV member
1.3	Annual Turnover (million USD)	> 10 5 – 10 < 5	4 3 1	Please add values of each JV member and attach financial statements for the past 3 years for each JV member (as per Attachment 1).
1.4	Turnover of Renewable Energy systems as percentage of total annual turnover	> 80% 40-80% < 40%	5 4 2	Solar PV:% Wind:% Biomass/biogas:% Hydro:% TOTAL: %
1.5	Classified/Certified Firm (ISO 9001 Certification or other official certifications)	Fully certified In Process Not Certified	4 2 0	Certification(s):
2.	General Consulting Capacity			(max. 15 points)
2.1	Organization of bidder or consortium (organizational chart required)	Excellent Average Poor	5	Please attach related documents
2.2	Relevance of CVs of key engineers, experts, technicians (local and international)	Excellent Average Poor	7 5 2	
2.3	Local presence or ability to quickly mobilize locally	High Average Poor	3 2 1	
3.	Relevant Sector Experience			(max. 35 points)
3.1	Experience in Renewable Energy projects and related discipline(s) (No. of projects) (Please specify years of experience in design (D), Supply (S), and installation (I))	> 5 2 – 5 < 2	10 7 2	Please attach related documents D: years S:years I: years



3.2	Largest/most important project designed and implemented (Technology (PV, Wind, Hydro, Biogas,...), system (on-grid, off-grid), cost (USD), capacity (kW), savings (USD, CO _{2eq}), starting date (DD-MM-YYYY), construction duration (# of days), owner's contact details)		12	Please attach required project information
3.3	Experience in Lebanese market (No. and types of projects)	> 5 2 – 5 < 2	10 7 2	Please attach related documents Type and number of projects: - - - -
3.4	Experience in construction management and supervision and related disciplines (No. of projects)	> 10 5 – 10 < 5	3 2 1	
4.	Equipment & Services Specifications			(max. 30 points)
4.1	Renewable Energy equipment design and performance in accordance to international Standards (IEC, CE, ISO, or relevant) Note: RE Companies which will be qualified by this EoI must ensure that their future designs submitted for this project adhere to the standards listed here. Deviating from these standards will cause disqualification.	FOR LOT 1: PV Panels: At least IEC 61215 edition 2 and IEC 61730 Inverters: At least Harmonic Current (IEC 61000-3-2 and / or IEC61000-3-4), IEC 62109-1/2 Equipment for other RE systems are to be in line with their respective standards.	15	Please attach related third-party certificates or declarations of conformity
4.2	Other equipment design and performance in accordance to international Standards (IEC, CE, ISO, or relevant)		10	Please list standards and attach related third-party certificates or declarations of conformity (as per Attachment 1)



Empowered lives.
Resilient nations.

4.3	Level of Warranty of equipment, and availability of both consumable and spare parts		5	
Total			100	

Clarifications

Any clarifications with respect to the EoI shall be directed to the Procurement Associate at the contacts presented hereinabove no later than 10 working days before EoI closing date.



Attachment 1: EXPRESSION OF INTEREST DETAILS

Attachment 1, to be submitted must follow the structure below.

A. Roles

- **A brief outline (one paragraph) indicating the roles of the participating firm(s).**
- **A brief description of the participating firm(s) indicating size, staffing, scope of services, main sectors of activities and areas of expertise.**
- **For Joint Venture submissions, explicitly list the participating firms and outline specific areas of responsibility (including administrative, financial and the specific Specialties) for each firm.**

B. Organizational Structure

- Describe the organizational structure (two pages maximum) for the project including:
 1. Organizational Structure Chart.
 2. Description of the works to be performed by the prime firm and sub-contractors
 3. Reporting Relationships and interfaces with UNDP Lebanon.
 4. How individual firms will interface with each other to co-ordinate delivery of the project.

C. Background Experience

- Provide general international, regional, local experience of the contractor in similar assignments during the past ten years,
- Provide assignment-relevant specific international, regional, local experience of the contractor in similar assignments during the past ten years. The information should clearly indicate a narrative description of each assignment, contact details of the client, letters of satisfactory completion when available, and contract value.

D. Financial Status

Provide financial statement for the past three years including contractor's annual turnover

E. Classified/Certified Status

Provide original copies of ISO 9001 Certifications or other official certifications.

F. Equipment & Services Specifications

Provide technical documents/catalogues proving the proposed equipment design and performance are in accordance to international Standards. In addition, provide signed and detailed letters of warranty stating the level of Warranty of the equipment and the availability of both consumable and spare parts.

G. Additional Information

Provide additional information or description of resources supporting your firm's qualifications for the proposed project including any brochures, pamphlets...etc the contractor wishes to attach.



Attachment 2: EoI CERTIFICATION FORM: NO CONFLICT OF INTEREST

Assignment Title: _____

Lot(s) Title: _____

To be completed and provided with an EoI submission. To be signed by the Principal of a Firm. For a Joint Venture, to be signed by the Principals of all firms identified in a Joint Venture.

I/We hereby certify that there is not any actual or potential conflict of interest or unfair advantage at this time, in our providing the Expression of Interest (EoI) Submission or performing the Services required for the assignment.

In providing the EoI submission, our company has no knowledge of or the ability to avail ourselves of confidential information (other than confidential information which may have been disclosed by UNDP Lebanon to the Proponents in the normal course of inviting the EoI submission) where the confidential information would be relevant to the Services required or the EoI evaluation process.

Name

Signature

Position

Date

Name

Signature

Position

Date

Attachment 3: DREG Modality

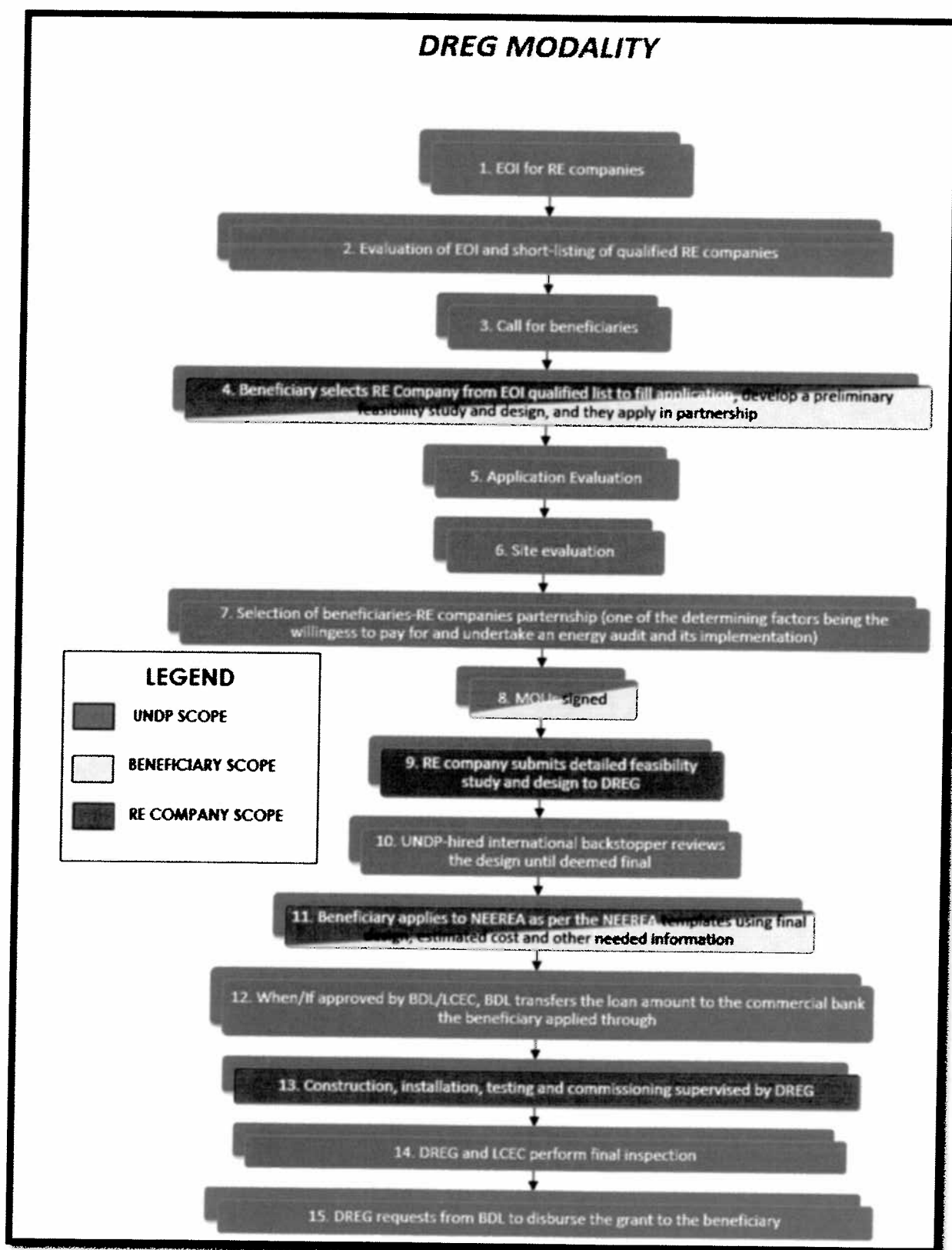


Figure 1: DREG Modality



This Expression of Interest (EOI) process will identify qualified short-listed companies for the UNDP/DREG project. Once the process is completed, a call for interested beneficiaries will be announced by UNDP/DREG Project to determine 5 – 7 beneficiaries that would receive technical and financial support from the project. As a prerequisite though, interested applicants need to partner with one of the qualified short-listed companies determined through this EOI process because the application itself would need to include the following at the least:

- Preliminary design of the renewable energy system (showing the system disposition on the site, a single line diagram in which the quantities and brands of system components are shown and estimated priced bill of quantities)
- Feasibility study (technical and economic)

In the event where the application is successful and the applicant is selected by the UNDP/DREG Project to be a beneficiary, the beneficiary-company partnership will move to the next step which is to submit a detailed feasibility study and design to the DREG Project in order for it to be reviewed and approved. Once the design is approved and deemed final by DREG, the beneficiary-RE company partnership shall use it in order to fill the NEEREA templates and apply for the NEEREA loan through a commercial bank.

When/If the NEEREA loan is approved by BDL, the latter will transfer the loan amount upon approval to the commercial bank who will disburse the funds to the beneficiary based on submitted invoices and the progress of work.

The UNDP/DREG project will supervise the construction, installation, testing, and commissioning of the systems and will perform, along with LCEC, the final inspection before disbursing the grant amount to the beneficiary.

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