

REQUEST FOR EXPRESSIONS OF INTEREST **CONSULTING SERVICES**

Selection #: BR-T1395-P002

Selection Method: Simplified Competitive Selection

Country: Brazil

Sector: ENE/CBR

Funding – TC #: ATN/JF-16881-BR

Project #: BR-T1395

TC name: Support for the Development of Renewable Distributed Generation and Energy Efficiency Projects in Brazilian Municipalities

Description of Services: Development of innovative training tools for Distributed Generation and Energy Efficiency in Brazilian municipalities

Link to TC document: <https://www.iadb.org/en/project/BR-T1395>

The Inter-American Development Bank (IDB) is executing the above-mentioned operation. For this operation, the IDB intends to contract consulting services described in this Request for Expressions of Interest. Expressions of interest must be delivered using the IDB Portal for Bank Executed Operations (<http://beo-procurement.iadb.org/home>) by: 04/30/2019, 5:00 P.M. (Washington D.C. Time).

The specific objective of this consultancy is to support the development of innovative training tools for Distributed Generation and Energy Efficiency in Brazilian municipalities.

The consulting firm should perform all the activities needed to achieve the objectives, including but not restricted to:

Initial evaluation. The consultancy should evaluate the state of small and medium size municipalities regarding the use of public lighting, Energy Efficiency and Distributed Generation for public buildings. In this analysis, the consultancy should determine the existing capabilities of municipality personnel, the existing capacities that municipalities have regarding efficient use of energy. With this evaluation the consultancy will determine the needs for training in municipalities. As there is a large number of municipalities, it is expected that the evaluation will be based on sampling, and/or on categorizing the municipalities by size, region or other criteria

Activity 1. Design and develop innovative online training courses for municipalities. The consultant should design and develop an online course, in Portuguese, with the key concepts for EE implementation, EE projects, EE financing, including public lighting and DG. The course should provide information in order to facilitate the understanding of key concepts of energy management, in the context of public buildings, as well as their financial and environmental implications. The course is expected to be based in the latest innovative solutions for online training, be user friendly and specifically targeted to the municipalities. Moreover, the course should permit to evaluate the knowledge gained by users. The work includes the design of the course and its development as an online tool. As a result, a fully usable platform for online training must be developed. IMPORTANT: This course should not be considered as the online replication of a traditional training (in class), or video-taping of a traditional class, it should be specifically designed to be innovative, online and without the need of presence in the municipalities.

Activity 2. Design and develop online standardized evaluation tools for energy efficiency and distributed generation projects. In order to complement activity 1, the consultancy will prepare standardized evaluation tools for: public lighting, distributed generation, and energy efficiency. These tools should be web-based and should be user friendly. The tools must allow municipalities to easily conduct an initial evaluation of the technical and economic feasibility of a project, given their level of energy consumption, location, number of buildings and/or type of buildings. **IMPORTANT:** The development of online evaluation tools should consider the technical level of the target audience. The Bank is aware that there are several evaluation tools that are already available in the web, either to online use or to download, however, most of them are targeted to an audience with medium or high technical knowledge on the subject. In this activity it is expected that the evaluation tools will be tailored to the audience. Moreover, it is expected that the evaluation tools will have interaction and integration with the training platform developed in activity 1. Consultants can identify existing tools that could be used, if they cover the requested criteria, but they are encouraged to develop a tool that is fully integrated within the whole concept of the project.

Activity 3. Design an online process to design projects for EE (including Public Lighting) and Distributed Generation (DG). Small municipalities don't have specific specialists dedicated to preparing and implement energy projects. As a result, these types of projects are not implemented by them, or, use technologies that are not modern, or suited for the purpose. The consulting firm should design and develop an online process that will support municipalities to prepare projects, including their technical specifications, that could facilitate and enable small municipalities to install EE, DG and PL in a timely and easy manner. The standard projects design should consider the latest technologies available in Brazil. The design process should be user friendly and must have all description in Portuguese. Also, it is expected that the consultant will be able to provide minimum standard technical specifications for each activity (EE, PL and DG). **IMPORTANT:** Please note that what is requested is to design the process that will help municipalities develop the projects. The consultancy is not expected to design specific projects, as these are completely site specific. The consultancy is expected to design an online process that will guide step-by-step and help municipalities to develop their own projects. This process could be fully integrated with the training courses, and evaluation tools. It also should provide technical specifications.

Eligible consulting firms will be selected in accordance with the procedures set out in the Inter-American Development Bank: [Policy for the Selection and Contracting of Consulting firms for Bank-executed Operational Work](#) - GN-2765-1. All eligible consulting firms, as defined in the Policy may express an interest. If the Consulting Firm is presented in a Consortium, it will designate one of them as a representative, and the latter will be responsible for the communications, the registration in the portal and for submitting the corresponding documents.

The IDB now invites eligible consulting firms to indicate their interest in providing the services described in the previous paragraphs. Interested consulting firms must provide information establishing that they are qualified to perform the Services (brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, etc.). The IDB suggests not to send more than 40 pages in the expression of interest. Particularly, it is suggested to the firms should emphasize evidence of the following experience:

- Design and implementation of online training courses (any topic), providing evidence of their successful application.
- Design and implementation of online training courses and tools for energy related projects providing evidence of their successful implementation.
- Design and implementation of innovative solutions for energy project evaluation and design, showing

evidence of the tools implemented.

- Experience with energy projects at a municipal level in Brazil.

Eligible consulting firms may associate in a form of a Joint Venture or a sub-consultancy agreement to enhance their qualifications. Such association or Joint Venture shall appoint one of the firms as the representative.

Special requirements according to the Donor Trust Fund (DTF), if applicable.

Interested eligible consulting firms may obtain further information during office hours, 09:00 AM to 05:00 PM, (Washington D.C. Time) by sending an email to: CBR-UECT@iadb.org or Paula Lins pval@iadb.org

Inter-American Development Bank

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