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DB Reference N°: IDB-P972805-05/22

Country: Regional - Latin America and The Caribbean

Institution: Inter-American Development Bank

Sector: Electrical Power, Renewable Energy

Deadline: 2022-05-08T00:00:00.00-04:00

Status: Published

Loan N°./Financing: ATN/TC-19216-RG

Project: BEO notice

Title: Support Hydro Pumped Storage Development in Latin America

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Borrower/Bid No:

REQUEST FOR EXPRESSIONS OF INTEREST

CONSULTING SERVICES

Selection # as assigned by e-Tool: RG-T4126-P002

Selection Method: Simplified Competitive Selection

Country: Regional

Sector: Energy (ENE)

Funding – TC #: ATN/TC-19216-RG

Project #: RG-T4126

TC name: Support Hydro Pumped Storage Development in Latin America

Link to TC document: https://idbg.sharepoint.com/_layouts/15/DocIdRedir.aspx?ID=EZSHARE-1996708358-11

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://beoprocurement.iadb.org/home) by: *May 8th, 2022*, 5:00 P.M. (Washington D.C. Time).

The objective of this consultancy is to strengthen the knowledge of potential HPS sites in LAC and perform a pilot study assessment for the most promising option. The scope of the services is focused on Argentina, Bolivia, Chile, Peru, Uruguay, Brasil, Colombia, Ecuador, Panamá and one additional country in LAC to be proposed by the consultant (10 countries). The consulting services ("the Services") include:

- **Objective 1: Case study compilation and comparative analysis.** The consultant will conduct desktop research to gather existing information on projects and sites already studied in the region for HPS projects. This revision will be focused on ten (10) countries with hydroelectric plants and an ongoing or expected growth of NCRE in their electric matrix. This activity will build a database of HPS projects in the region. This activity will improve the level of information available through the standardization of information, update of relevant data, and comparison of case studies. As a result of this study, a database of HPS projects in the 10 list countries will be compiled. Based on the database, the consultant will propose a single project to be studied in more detail considering, initially: (i) interest of the country; (ii) adequate, or at least potentially adequate, regulatory framework; (iii) existing level of information to conduct an assessment; (iv) low or medium level of social and environmental impacts initially identified. Other criteria could be proposed by the consultant.

- **Objective 2: Support an initial study of a pilot.** This activity will assess the selected project, including technical, economic and environmental aspects. The level of the study should contribute to understanding the technical and economic potential of a specific HSP project, including the investment required for the construction of the project, the costs associated with the operation and maintenance, and the streams of revenue based on the services provided to the electric grid. The study shall also include and evaluation of the impacts both economic and technical on the electric grid and analyze the implications on the NCRE integration on the electric system. Moreover, a preliminary assessment of environmental and social impacts will also be included. The work will be based on desktop and existing information (no fields work is considered).

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-2765-4. 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 associated with this assignment. 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, it is recommended not to send more than 30 pages). 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.

It is suggested to show relevant and specific experience with Hydro pumped Storage Projects and Hydroelectric projects in Latin-American. For example, a table could be included in the EOI:

Project	Start Date	End Date	Amount	Relevance for this consultancy

NOTE: pleas consider that this stage is ONLY to receive expressions of interest for the selection process. DO NOT send full proposals, do not send only CVs of experts. DO NOT send price proposals.

Interested eligible consulting firms may obtain further information during office hours, 09:00 AM to 05:00 PM, (Panama Time) by sending an email to: arturoal@iadb.org copying ricardoesp@iadb.org

Inter-American Development Bank

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