

REQUEST FOR EXPRESSIONS OF INTEREST **CONSULTING SERVICES**

Selection #: RG-T2737-P002

Selection Method: Simplified Competitive Selection

Country: El Salvador

Sector: IFD/CMF

Funding – TC #: ATN/KK-16097-RG

Project #: RG-T2737

TC name: Support to the analogue switch off in Central-America

Description of Services: The objective of this project is to estimate the economic valuation of the spectrum derived from the digital dividend in El Salvador. In addition to that, the consulting services will provide a roadmap and the basis for a future second dividend will be established. To accelerate the connection and efficient use of broadband services by the entire population and SMEs in El Salvador the consulting firm will provide specific regulatory actions for the establishment of quality standards for mobile broadband services and modern mechanisms for efficient spectrum management.

Link to TC Document: <http://www.iadb.org/en/projects/project-description-title,1303.html?id=RG-T2737>

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.

The consulting services (“the Services”) include

Component 1: Economic valuation of the spectrum released from the digital dividend. The objective of this component is the valuation of the spectrum in the band of the digital dividend. The following activities will be developed:

- Economic valuation of the spectrum in the 700 MHz band using the international comparative methodology, making the necessary adjustments to the consumption propensity.
- Economic spectrum estimation in the 600 MHz band by prospective analysis of future demand and discounted cash flow.

Component 2: Analysis and frequency plan of the band 600 MHz at national and regional level. The second digital dividend has the potential to foster the expansion of mobile connectivity in El Salvador. The following activities will be developed:

- Roadmap, calendar and schedule for an eventual second digital dividend in the 600 MHz band.
- Evaluation of spectral incompatibilities and / or regional interference with regard to their implementation.
- Development of a Frequency Plan before an eventual second digital dividend.
- Development of a National Frequency Allocation Plan for an eventual second digital dividend.
- Analysis of the spectral efficiency of the 600 MHz band and evaluation of technological alternatives.

- Recommendations for the assignment of frequencies.

Component 3: Regulatory framework. Looking ahead, the potential of the second digital dividend and the use of the 600 MHz band for the mobile service require that its future management respond to the interoperability, quality and speed of digital services. Similarly, the release of this band for mobile broadband services represents a unique opportunity to apply efficient spectrum management through the new tools of spectrum management and application of quality standards required of operators. The following activities will be developed:

- Recommendations for efficient spectrum management in the 700 MHz band. Review of the feasibility of implementing new spectrum management alternatives
- Key aspects for possible quality elaboration for the 700 MHz band by regulators.
- Definition of indicators
- Spectral efficiency requirements for Operators

The estimated timeframe for completion is 9 months.

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.

The IDB now invites eligible consulting firms to indicate their interest in providing the services. 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.). 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.

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: Antonio Garcia Zaballos (antoniogar@iadb.org) and Enrique Iglesias Rodriguez (enriqueig@iadb.org)

Expressions of interest must be delivered by August, 15th, 2017 5pm (Washington D.C. Time) using the IDB Portal for Bank Executed Operations (<http://beo-procurement.iadb.org/home>)

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