REQUEST FOR EXPRESSIONS OF INTEREST
(CONSULTANCY SERVICES)

REPUBLIC OF ANGOLA

MINISTRY OF ENERGY AND WATER

Power Sector Reform Support Program

CONSULTANCY SERVICES FOR PREPARATION OF STUDY ON NON-TECHNICAL ENERGY LOSS REDUCTION IN THE EMPRESA NACIONAL DE DISTRIBUIÇÃO DE ELECTRICIDADE (ENDE)

The Government of Angola has received financing from the African Development Bank through the Power Sector Reform Support Program, and intends to apply part of the resources of the program to cover payments related to the consultancy services for a preparation of a study on non-technical energy loss reduction in the Empresa Nacional de Distribuição de Electricidade (ENDE).

ENDE is soliciting proposals from international consulting firms for quantifying a reasonable methodology to calculate non-technical losses for the northern distribution network. For the non-technical loss reduction study, the Consultant shall carry out an audit of ENDE’s billing, metering and collection processes. The Consultant shall also review and assess the effectiveness of metering, meter installation, meter testing and calibration as well as assess the potential for feeder pole mounted metering to reduce electricity theft. The Consultant shall review a draft legal decree for electricity theft prosecution. Finally, the Consultant shall review and provide recommendations for the improvement of ENDE’s commercial department operation which is responsible for billing, metering and collection.

ENDE aims to minimize commercial losses based on the study’s recommendations for the following types of technical solutions:

- Measures for controlling direct tapping by non-customers and customers; and replacement of all LV feeder lines and 3-phase distribution lines with hard core plastic cables that will lead to minimization of commercial losses from direct hooking.
- Measures for controlling pilferage of energy by existing customers through prepaid energy meters.
- Measures for reducing defective metering.
- Meter installation by ensuring height and location of installation for easy readability of meters, and locating meters in public domain in full public view.
- Feeder metering at all system points, including photo reading of these feeder meters.
- Measures for improvement in billing collection; correct billing and timely delivery of bills for improving revenue collection.
- Legal measures for reducing commercial losses by adopting a decree which will allow criminal prosecution of electricity theft and bankruptcies of large commercial and industrial customers.

If your consulting firm is interested in participating in the bidding process and has project experience in the following areas, please submit your institutional qualifications and non-technical loss reduction related project experience by email so that we may consider short-listing your firm for the participation in the bidding process:

1) Experience in the electric utilities commercial department operations including but not limited to metering technologies (conventional electronic and analogue metering and prepaid metering), revenue collection and protection programs.
2) Evidence of past experience in the commercial department software and hardware integration and implementation program.
3) Technical expertise in the development of a metering strategy for future development; and
4) Quality and composition of the proposed team of consultants.

Following this invitation of Expression of Interest, a shortlist of qualified firms will be formally invited to submit proposals. Interested consulting firms should, preferably, have undertaken similar assignments in developing countries comparable to Angola.
Interested consulting firms must demonstrate the availability of technical specialists with skills required for undertaking this assignment such as expertise in electric utilities Commercial Department operations in the areas of metering, billing and revenue collections and revenue protection program development and implementation based on international best practices standards.

Consultants may associate with other firms in the form of a joint venture or a sub-consultancy to enhance their qualifications. Considering Angola is a Lusophone country, consulting firms shall demonstrate proficiency in both Portuguese and English languages. The EOI (e.g. comprising brochures, description of similar assignments, experience in similar conditions, and availability of appropriate skills among staff) shall be submitted in the English language and preferably summary qualifications in Portuguese language.

Eligibility criteria, establishment of the short-list and the selection procedure shall be in accordance with the African Development Bank’s “Rules and Procedures for the use of Consultants”, May 2008 Edition and revised on July 2012, which is available on the Bank’s website at http://www.afdb.org.

Expressions of interest must be delivered in electronic form via email to the address below by July 3, 2017 at 17h00, Luanda, Angola. Those Expressions of Interest submitted physically by package or CD should be clearly sealed and marked “Request of Expression of Interest for Consultancy Services for ENDE’s Technical Loss Reduction Project”.

Requests for additional information and/or questions concerning the Non-Technical Loss Reduction Project Study implementation may be submitted in writing to:

**ENDE’s Non-Technical Loss Reduction Project Coordinator:**

Name: Luciano Paulo Vidal Gonçalves  
ENDE Luanda Office  
Address: Rua Cônego Manuel das Neves, 234, 2nd Floor, Luanda, Angola  
Telephone: +244 222 440 075  
Mobile: +244 925 471 166  
Email: vidalgoncalves@yahoo.com.br

**Form A:**

**Consultant’s Experience**

[Using the format below, provide information on each assignment for which your firm, and each associate for this assignment, was legally contracted either individually as a corporate entity or as one of the major companies within an association, for carrying out services similar to the ones requested under this assignment.]

<table>
<thead>
<tr>
<th>Assignment name:</th>
<th>Approx. value of the contract (in current US$ or Euro):</th>
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<tbody>
<tr>
<td>Country: Location within country:</td>
<td>Duration of assignment (months):</td>
</tr>
<tr>
<td>Name of Client:</td>
<td>Total # of staff-months of the assignment:</td>
</tr>
<tr>
<td>Address:</td>
<td>Approx. value of the services provided by your firm under the contract (in current US$ or Euro):</td>
</tr>
<tr>
<td>Start date (month/year): Completion date (month/year):</td>
<td># of professional staff-months provided by associated Consultants:</td>
</tr>
<tr>
<td>Name of associated Consultants, if any:</td>
<td>Name of senior professional staff of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader):</td>
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<tr>
<td>Narrative description of Project:</td>
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</tbody>
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Description of actual services provided by your staff within the assignment:

Firm’s Name: ____________________________________________