REVISED

REQUEST FOR EXPRESSIONS OF INTEREST
(CONSULTANCY SERVICES)

Renewable Energy Grid Integration Study

REFERENCE: LEC/POP-015/2018/19

Date: 25th January 2019

1. The Government of Lesotho has received a grant from the African Development Fund (ADF) towards the cost of the Renewable Energy Grid Integration Study, and intends to apply part of the grant proceeds to payments under the contract for Consultancy Services for Renewable Energy Grid Integration Study.

2. The principal objective of the study is to assess the impacts on the transmission and distribution networks of the Lesotho Electricity Company (LEC) of variable renewable energy generation (VREG) and to establish the level of absorption, both quantitatively and in relative terms of such intermittent renewable energy generation in the LEC power system in the medium to long-term. The study should provide results under scenarios of integration in the transmission grid by LEC and Independent Power Producers (IPPs), and in the distribution system by households and other consumers. It should also enable enhanced capacity of the staff of LEC in transmission and distribution system planning and analysis to carry out similar studies through well designed and structured training, as well the acquisition, under study, of the latest power industry accepted software for transmission and distribution studies and planning. The study should address the technical barriers so that the greater adoption of renewable energy will progress quickly in Lesotho, assisting in the "take-off phase" by (i) mastering how to control grid with renewable energy and; (ii) lowering the cost of renewable energy integration by saving the investment on regulation reserve considering that Lesotho power system is a fully integrated operating member of the Southern Africa Power Pool (SAPP).

3. This assignment is to be completed within seven (7) months from the date of contract signature to the date of issue of the Final Report by the Consultant.

4. The Lesotho Electricity Company now invites eligible consultants to indicate their interest in providing these services. Interested firms must provide information indicating that they are qualified to perform the services (Company profile, annual financial report over five (5) consecutive years, brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, involvement in litigation or arbitration cases, etc.). Consultants may associate to enhance their qualifications.

5. Eligibility criteria, establishment of the short-list and the selection procedure shall be in accordance with the African Development Bank’s Rules and Procedure for the Use of Consultants (2008 edition revised July 2012), which is available on the Bank’s website at http://www.afdb.org. Borrowers are under no obligation to shortlist any consultant who
expresses interest.

6. No expressions of interest by e-mail shall be accepted. Written expression of interest must be delivered in sealed envelopes to the address below by hand (including courier) or by registered mail by **12.00 noon local time on the 25th February 2019**. For those documents sent by courier services, please e-mail waybill or tracking number to mahao@lec.co.ls and monokoa@lec.co.ls. E-mail, late and faxed applications will NOT be accepted.

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7. Applications must be clearly marked "**Request for Expression of Interest for Consultancy Services for Renewable Energy Grid Integration Study**".