1. The African Development Bank hereby invites Individual Consultants to indicate their interest in the following Assignment: **Power Expert Consultant**

2. The services to be provided under the Assignment include:
   a) Provide support to the Regional Member Countries and Task Managers in the identification and development of opportunities for Bank intervention;
   b) Further support the origination, preparation, structuring and implementation of complex and innovative projects for Zambia and Zimbabwe and other SADC countries;
   c) Participate in the development of strategies, policies, procedures, papers, briefs and various reports relating to the financing of energy projects;
   d) Participate and contribute during identification, preparation, appraisal, supervision, and completion energy sector missions;
   e) Participate in the preparation of appraisal reports and investment proposals for energy projects;
   f) Provide deep sector expertise for quality assurance in the review of project procurement related documents, socio-techno-economic (pre-) feasibility studies, project preparation and implementation and utility performance diagnostics and reports produced in various projects and studies in the energy sector, and
   g) Assist in the due diligence and processing of power and climate change projects, in line with approved Bank policies and procedures.

3. The **Department Of Power and Energy Sector Development** invites Individual Consultants to indicate their interest in providing the above-described services. Interested Consultants shall provide information on their qualifications and experience demonstrating their ability to undertake this Assignment (documents, reference to similar services, experience in similar assignments, etc.).

4. The eligibility criteria, the establishment of a short list and the selection procedure shall be in conformity with the Bank’s **Procurement Policy for Recruitment of Corporate Consultants**. Please, note that interest expressed by a Consultant does not imply any obligation on the part of the Bank to include him/her in the shortlist. It is expected that interested individual consultants shall already be registered or register in the Bank’s DACON System for consultants. The link to the relevant registration is [http://dacon.afdb.org/dacon/](http://dacon.afdb.org/dacon/).

5. A shortlist of three to six individual consultants will be established at the end the request of expressions of interest. The consultants on the shortlist will be judged on the following criteria on the basis of their updated resume; level of education in general, years of experience in general, number of years of experience relevant to the
assignment, knowledge of the working environment, regional and prior Bank experience.

6. The estimated duration of services is six (6) months and the estimated starting date is 26 March 2018.

7. Interested Individual Consultants may obtain further information at the address below during the Bank’s working hours: 8:00 to 17:00 (UTC +2)

   Regional Operations Southern Africa
   African Development Bank Group
   339 Witch Hazel Street, Highveld Extension 78,
   Centurion 0157, South Africa
   E-Mail: l.harmse@afdb.org
   Office: +27 12 003 6900 | Ext: 8469 |

8. Expressions of interest must be received at the address below no later than 26 February 2018 at 15:00 South African Standard time and specifically mentioning Power Expert Consultant.

   For the attention of: Ms. Liezl Cecilia Harmse
   African Development Bank
   Senior Power Engineer

   Regional Operations Southern Africa
   African Development Bank Group
   339 Witch Hazel Street, Highveld Extension 78,
   Centurion 0157, South Africa
   E-Mail: l.harmse@afdb.org
   Office: +27 12 003 6900 | Ext: 8469 |
BACKGROUND

Established in 1964, the African Development Bank is the premier pan-African development institution, promoting economic growth and social progress across the continent. There are 80 member states, including 54 in Africa (Regional Member Countries). The Bank’s development agenda is delivering the financial and technical support for transformative projects that will significantly reduce poverty through inclusive and sustainable economic growth. In order to sharply focus the objectives of the Ten Year Strategy (2013 – 2022) and ensure greater developmental impact, five major areas (High 5s), all of which will accelerate our delivery for Africa, have been identified for scaling up, namely; energy, agro-business, industrialization, integration and improving the quality of life for the people of Africa.

The Vice Presidency for ‘Power, Energy, Climate and Green Growth’ is a Sector Complex focusing on the Bank’s Ten Year Strategy High 5s priority of “Light up and Power Africa”. The complex’s objectives are (i) to develop policy and strategy; (ii) provide deep sector technical expertise to the Regions by gathering a pool of experienced individuals who can be consulted for their expertise on complicated transactions; (iii) develop new financing instruments; (iv) act as spokesperson to represent the Bank with external stakeholders on all aspects of “Light Up and Power Africa”. The Complex will focus on areas of Power Systems Development, policy and regulation, renewable energy; and Climate and Green Growth.

Within this new Complex, there is a Directorate in charge of Power Systems Development. This Directorate includes two divisions: the “National and Regional Power Systems” Division (PESD1) which supports the Bank’s Regional Member Countries (RMCs), and Regional Economic Communities (RECs), Power Pools, Regulators and other stakeholders to develop and improve their power systems both for sovereign and non-sovereign operations (SO & NSO); the “Power Utilities” Division (PESD2) in charge of transforming utilities and enhancing management performance through loss reductions, increased efficiency and structural reforms.

The African Development Bank is considering recruiting a consultant to perform the tasks usually assigned to a Chief Power Expert / (Senior) Task Manager regarding the origination, preparation, appraisal, structuring, financing, procurement and implementation of sovereign and non-sovereign power projects across the value chain and project cycle; using both conventional and renewable technologies, but focusing on regional hydro power projects. The consultant is expected to possess strong project management skills; and be familiar with the preparation, financing, construction and operations of large hydropower projects (with private sector participation).
The start of the consultant’s services is expected in March 2018. The services will be carried out at the AfDB Regional Operations Southern Africa, based in Pretoria, under the Power System Development Department, and supervised by the Division Manager PESD1 and the Regional Manager for Power and Transport.

**SCOPE OF THE ASSIGNMENT**

The scope of the consultancy will include BUT not be limited to the following:

**Scope of competencies**

1. The main areas of responsibilities will cover project and financing structuring for independent power producers and public-private-partnership arrangements; utilities reform; generation / transmission / distribution infrastructure rehabilitation and/or expansion; regional power interconnections and power pools, power markets integration, regional electricity trade; and governance of the power sector;

2. Topics of climate change, climate resilience and green growth will also be included in relevant components of the project;

**Business Development and Pipeline management**

3. Provide support to the Regional Member Countries and Task Managers in the identification and development of opportunities for Bank intervention;

4. Further support the origination, preparation, structuring and implementation of complex and innovative projects for Zambia and Zimbabwe and other SADC countries;

5. Work with Region / Hub-based staff and relevant governance / risk / compliance units, in the process of identification, preparation and execution of Sovereign (SO) and Non-Sovereign (NSO) operations, as well as in conducting policy / result based operations and technical assistance related to the above topics;

6. Liaise with other development partners in order to identify opportunities for co-financing and other partnerships;

7. Participate in the development of strategies, policies, procedures, papers, briefs and various reports relating to the financing of energy projects;

8. Participate and contribute during identification, preparation, appraisal, supervision, and completion energy sector missions;

9. Assist in the preparation and participate in appraisal missions to collect and analyze all necessary economic, financial, legal, market and technical information/data required to evaluate potential energy projects;

10. Participate in the preparation of appraisal reports and investment proposals for energy projects, and

11. Undertake analytical work in the energy sector and advise the Bank on how to ensure sustainability of the benefits of Bank-financed projects and programmes.

**Portfolio Management**

12. Plan and carry out the supervision of approved projects, to ensure their implementation according to design; this involves reviewing progress reports, conducting supervision missions, preparing project supervision reports and Implementation Progress Review
13. Support the preparation and completion of Project Close-out Reports (PCR) in line with Bank requirements;

14. Assist in the supervision and monitoring of the regional energy portfolio performance, review of relevant regional flash reports, Monitoring and Evaluation Reports and field inspections as necessary; and propose measures for resolving material operational and project implementation weaknesses;

15. Provide deep sector expertise for quality assurance: Preparation of (draft) Terms Of Reference (TORs), Requests For Proposals (RFPs), Tender Documents to procure goods and/or services in line with the Bank’s procurement rules: E.g. Recruitment and supervision of Expert Advisors (and Bank staff) regarding execution of socio-techno-economic (pre-) feasibility studies, project preparation and implementation and utility performance diagnostics;

16. Review the various proposals and communications sent to the Bank by its partner, clients and RMCs; and take appropriate action, including issuing of technical opinion on government submissions to the Bank, drafting of responses and/or reports/presentations and internal or external follow-up. This includes, inter alia, preparation of bidding documents, bid evaluation reports, quarterly/annual progress reports, requests for extension of contracts or LDD (Last Disbursement Date);

17. Participate in the packaging and negotiations of major contracts, including Power Purchase Agreements (PPAs), Fuel Supply Agreements (FSAs), Operations and Maintenance Agreements, Engineering, Procurement and Construction (EPC) contracts and Grid Connection Agreements;

18. Assist in the due diligence and processing of power and climate change projects, in line with approved Bank policies and procedures;

19. Assist in the processing of disbursements for approved projects, ensuring project sponsors’ compliance with all contractual obligations.

Knowledge Production and Coordination

20. Review the reports produced in various projects and studies in the energy sector and make appropriate recommendations to the Department and Complex;

21. Participate in the drafting of project approval documents and briefing notes on the Bank’s operations in the Energy sector for PESD Management and Senior Management;

22. Participate in the energy sector working group activities, related donor-coordination meetings, joint portfolio review meetings, and policy dialogue missions, and provide advice on policy issues in the sector;

23. Represent the Bank in international seminars/conferences/workshops dealing with the financing of energy projects in the region;

24. In collaboration with other Directorates of the complex and within the Bank Support delivery of Economic and Sector Work related to the key constraints of the power sector in the focus countries in terms of: Policies (e.g. integrated planning, pricing, access of the poor, private participation, promotion of renewable energies, demand-side management); Social (e.g. local content maximization, training of users and role of women); Institutional (e.g. coordination of sector activities, capacity building, organization and management); Financial (e.g. tariff structure, cost recovery, financing structure and terms, tax/incentives, sustainability); Technical (e.g. technological choice, operation and
maintenance); Environmental Management (e.g. resource and waste management, greenhouse gas emission control), and

25. Undertake any other technical tasks the Director, Division Manager or Deputy Director General may assign.

PROFILE OF THE CONSULTANT – REQUIRED QUALIFICATIONS

- Minimum Master’s Degree in Engineering or its equivalent in a relevant field of study supported by a minimum of 10 years professional experience in the subject matter;

- Experience implementing power projects with public and / or private sector institutions and / or bilateral and multilateral development finance institutions; will give an added advantage for this position;

- Be able to communicate in written and spoken English. Work experience in Africa and the Southern Region will be an added value;

- Familiarity with project management and project development and transaction cycle in Development Finance Institutions, multilateral organizations, and in particular of the African Development Bank, will give an added advantage

- Good command of standard Bank commonly used softwares (e.g. Microsoft Office Suite for word processing, spreadsheets, databases and presentations), knowledge of SAP software will be an added advantage.

DURATION OF ASSIGNMENT

The estimated duration of services is six months (6) with the possibility of extension. The commencement date is planned for 1 March 2018.

RESPONSIBILITIES OF THE CONSULTANT

The Consultant shall perform the Services with all due care, diligence and efficiency, in accordance with the highest standards of professional competence and skill and shall, in performing the Services, accept, promptly act upon, and comply with, such instructions and directions as may be issued by the Bank from time to time.

The consultant shall have the overall responsibility for the timely delivery of the various assignments as described above and further prioritized in a work plan agreed with his/her supervisor. He/she shall be responsible for the collection and analysis of all information necessary for the achievement of the assignments.

RESPONSIBILITY OF THE BANK

Notwithstanding the above-mentioned responsibilities of the consultant, the Bank shall, when required, and whenever possible, assist the consultant to have access to information existing either at the Bank level or in its close partners, particularly the AUC, RECs/power pools or countries. The bank shall also provide office facilities during the period of the assignment.

REPORTING OBLIGATIONS

The consultant will work under the supervision of his/her line manager, and shall report to him/her.
PROCUREMENT
The recruitment of the consultant for this assignment shall be governed by the AfDB rules of procedures for the recruitment of individual consultants, based on Technical and Financial Proposals, unless otherwise waived by the AfDB.

LOCATION OF ASSIGNMENT
The consultant will be based at the AfDB Regional Operations Southern Africa, in Pretoria, with travel across Southern Africa countries and Abidjan (HQ) as necessary.