



Donor Funded Staffing Program

TOR No:	2017 - 138
Title:	Sr. Energy Specialist, Mid-Career Professional
Grade:	GG
Division/VPU:	GP Energy and Extractive Africa (GEE07)
Duty Location:	Washington DC
Appointment Type and Duration:	Two-year Term Appointment

BACKGROUND

THE ENERGY & EXTRACTIVES GLOBAL PRACTICE

- Over 1.2 billion people are without access to electricity worldwide, most of them concentrated in about a dozen countries in Africa and Asia. Another 2.8 billion rely on wood or other biomass for cooking and heating, resulting in indoor and outdoor air pollution attributable for 4.3 million deaths a year. Providing reliable electricity to the unserved and inadequately-served people of the world is central to efforts to eradicate extreme poverty and create shared prosperity. The World Bank Group supports the Sustainable Energy for All initiative, and is committed to working towards accomplishing the initiative's three goals by 2030: i) universal access to electricity and clean cooking fuels; ii) doubling the share of the world's energy supplied by renewable sources from 18 percent to 36 percent, and iii) doubling the rate of improvement in energy efficiency.
- In terms of extractive industries, about 3.5 billion people live in countries rich in oil, gas or minerals. Many of these countries suffer from poverty, corruption and conflict stemming from weak governance. Too often, mineral, oil and gas resources have become a source of conflict rather than opportunity. Non-renewable mineral resources play a dominant role in 81 countries, collectively accounting for a quarter of world GDP, half of the world's population and nearly 70 percent of those in extreme poverty. Africa has about 30 percent of the world's mineral reserves, 10 percent of the world's oil, and 8 percent of the world's natural gas.
- The Energy & Extractives Global Practice of the World Bank Group is made up of more than 300 professionals, a lending program in the order of US\$7 billion a year, an active portfolio of some \$30 billion, and a rich program of Advisory and Analytical Work. The Energy side of the practice focuses on providing affordable, reliable and sustainable energy to meet the needs of fast growing economies and to ensure universal access to modern energy services for people in client countries. The Extractives side of the Global Practice focuses on strengthening policy and institutional frameworks to promote transparent and equitable growth of the extractives sectors and leverage extractives-

related infrastructure for public benefit. Both parts of the Global Practice place a strong emphasis on private sector resource mobilization.

Describe the Department/Unit

- The Africa Energy Program is growing rapidly, covering reforms (sector and corporate governance, energy security and the environment, regional energy trade, public-private partnerships, energy efficiency, etc.) and investment support in power generation, power and gas transmission and distribution, rural energy services, renewable energy development, low-carbon and climate friendly initiatives. The current portfolio comprises about 50 projects with a value of over US\$10 billion. New lending is approximately US\$1.5 billion per annum, with a growing share of renewable energy and regional activities. The Bank's Africa Energy Program uses a variety of instruments, including investment lending, guarantees for public private partnerships, and development policy lending. In addition, the team manages a strong knowledge agenda to inform the policy dialogue in the sector.
- The Africa energy sector grouping consists of two Units (one for East and Southern Africa and one for West and Central Africa). Each of the two units is managed by a Practice Manager. The two units together have over 70 staff with over 25 in various field locations, and more than half of the operational and advisory activities are managed /led by field-based staff.

DUTIES AND RESPONSIBILITIES

The Sr. Energy Specialist will be an integrated member of an Energy Unit of the Africa Region. S/he will work on investment projects, analytical work and policy guidance across a range of countries in Sub-Saharan Africa. Under the supervision of the relevant Practice Manager, the Sr. Energy Specialist will have the following key responsibilities:

- Actively participate in overseeing implementation of energy operations with the aim to enhance quality and accelerate implementation;
- Lead the preparation of new operations (in particular the development of energy access projects), and the supervision of exiting projects.
- Articulate support to the clients for framing a strategic vision for rural energy access development. Design and execute technical assistance interventions to support governments in improving enhancing energy access and quality of energy services;
- Play a significant role in the unit's research agenda on renewable energy and energy access, including authoring research products, including reports, working papers, discussion notes, feature articles etc.

The position will report to the GEEDR Africa Practice Manager, who is based in headquarters, Washington, D.C. Day-to-day supervision will be conducted by the respective Task Team Leaders.

Note:

The selected candidate will not be assigned to programs involving his/her own government such as donor coordination and trust fund management.

SELECTION CRITERIA

- Educational Degree: At least a Master's degree in engineering, economics or a related discipline.
- Relevant Experience:
At least 8 years relevant experience in with a significant share of this in the energy sector. Demonstrated ability to engage credibly on the range of issues in the hydropower preferably in developing countries.
- Provide profile requirements: demonstrate extensive hands-on project management experience, an ability to efficiently manage a large number of activities simultaneously, a flair for problem-solving and an ability to self-navigate through complex bureaucratic environments.
- Strong organizational, research, and oral presentation skills
- Proven ability to work in a team and intercultural environment, with minimal supervision
- Hands-on and action-oriented approach
- Excellent oral and written communication skills in English
- Additional French language skill desirable
- Enthusiasm for, and commitment to development work
- Willing to travel to remote areas in Africa
- Field experience in developing countries a plus