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BALANCING GROWTH

Role specification

We are looking for a candidate to join as a Senior Energy Consultant in the rapidly growing Infrastructure Advisory, Asset Management and Investment team. This position will be based in Johannesburg, but might involve some short term travel from time to time, and fills an integral role that involves working closely with the rest of the advisory team to execute a wide variety of challenging and exciting engagements related to the planning, development, delivery and operations of major economic and social infrastructure projects.

We are looking for a team member who:

- Is seeking a dynamic role requiring a mix of technical and soft skills;
- Is an analytical and logical thinker with a strong attention to detail;
- Is a strong team player with the ability to adapt to changing requirements or deadlines in support of our client's goals;
- Is highly motivated and energized by participating in projects involving development of critical national infrastructure assets that have a tangible and lasting impact on society;

Key responsibilities will include:

- Oversee technical aspects of project development
- Manage the PPP procurement technical stream
- Engage and manage external technical consultants
- Preparation of technical aspects of RFP documents
- Develop and oversee the implementation of a pipeline of quality projects including conducting feasibility studies (economic, technical, financial, social, environmental, legal etc.); economic cost-benefit analysis; confirming the development impact of the project and structure accordingly; conducting innovative structuring complex transactions; appropriate structuring of the project (project finance or corporate finance) to finance, own, operate and maintain the project; and project procurement
- Developing of the scope of work and terms of reference for outstanding preparation and project management work required to transit projects to financial close;
- Appointing transaction advisors to undertake outstanding preparation work required to transit projects to financial close;
- Collecting and analyzing or reviewing calculations of energy and water usage data using data modeling software.
- Calculating and reviewing calculations the amount of energy and water wastage that occurs as a result of using inefficient energy and water resources.
- Educating clients on alternative energy resources.
- Conducting and evaluating feasibility studies and preparing concise reports on research results.
- Identifying and evaluating or reviewing identified viable options to reduce energy and water consumption.



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- Formulating and evaluating effective energy and water management plans after careful analysis of current plans.
- Assisting and reviewing initial building plans to ensure that cost-effective and sustainable energy and water systems are catered for.
- Keeping abreast of the latest developments in environmental legislation.
- Ensure that proposed changes to current energy and water systems are being implemented.
- Appraising projects (prepare quarterly and early review reports and appraisal reports) and present to the decision-making structures for approval consideration;
- Presenting regular monitor and progress reports as per implementation plan;
- Maintain continuous communication with clients/ projects with a view to adequately support the project monitoring function;
- Driving the de-risking technical and commercial risk aspects of projects
- Management of clients
- Demonstration of thought coaching and or mentoring to transfer skill

To qualify for the role, you must have:

- BEng/BSc in Electrical or Mechanical Engineering
- Professional Registration with ECSA
- Minimum of 5 years' work experience relevant to planning, project development, EPC and O&M Contracts and implementation of renewable energy projects.
- Recognisable experience relevant in the energy sector with specific exposure to the renewable energy.
- 3-5 years' experience in the preparation of technical documentation for tender submissions (EPC costing, solar yield analysis, plant design and engineering, grid connection, etc.);
- Undertaken technical aspects of project development; developing local procurement processes, etc
- Experience in energy project finance.
- Experience of the South Africa energy sector
- Has strong knowledge of the South African Energy and Environmental regulatory environment
- Has successfully implemented or managed renewable energy or resource efficiency (energy efficiency, water efficiency and waste management) projects for commercial and industrial (C&I) sectors
- Experience and/or knowledge of government policy and policy-making as it relates to infrastructure including Public Private Partnerships (PPPs)
- Strong project management skills and ability to plan, structure and manage work
- Strong written and verbal communication/presentation skills
- Team oriented, collaborative, respectful, positive, flexible style and a strong work ethic
- Strong leadership skills, particularly communication, adaptability, decisiveness and positivity

Ideally, you will also have:



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- A postgraduate qualification like an MSc. Eng. (Elec or Mech.)
- Professional Project Management Qualification (PMP)
- Have led and managed a Project Management Office

The successful candidate for this position will enjoy working with a market leading team in the Infrastructure financing and advisory industry, and work on the redevelopment of South Africa's core infrastructure.