European Bank
for Reconstruction and Development

JOB DESCRIPTION

Details	
Job Title	Associate Engineer (Renewables)
Team	PPI Unit, SI3P in SIG Banking
Responsible to / Line Manager *This should be a role title, not a named individual.*	Associate Director – Head of PPI, SI3P (SIG Banking team)
Direct Reports *This is about scope of the role. Please include job titles and the reporting relationship.*	None
Location	London, HQ

Purpose of Job

The Associate Engineer supports the technical aspects of EBRD projects within the Power and Energy sectors contributing to all phases of the investment cycle primarily involved in project preparation and to a lesser extent project implementation and its monitoring. In addition, the Associate Engineer will contribute to supporting and promoting the integration of sustainable power and energy solutions across other municipal sectors, with other banking teams and cross-department.

Background

- The Sustainable Infrastructure Project Policy & Preparation (SI3P) team is composed of technical, financial and policy specialists; it is tasked with enabling EBRD's Sustainable Infrastructure Group (SIG) to develop future-ready policies and prepare high-quality projects for clients in line with the Bank's transition mandate.
- The Associate Engineer will be a member of the Project Preparation & Implementation (PP&I) Unit, which is part of the SI3P team and is responsible for providing technical due diligence and project scoping with some in-delivery oversight. A key objective of the PP&I unit is the identification and development of 'cross-over' project opportunities which include the integration of renewable energy in transport and municipal investments as well as participating in the EBRD's Green Cities initiative largely through support to Green City Action Plans (GCAPs) which are an integral part of this initiative.
- The Associate Engineer will provide technical support to the EBRD Energy EMEA and Energy Eurasia banking teams to support the development of their pipeline of projects in the Power and Energy sector contributing principally to renewable electricity generation proposals including digital solutions. Currently, EBRD's Power & Energy portfolio totals EUR 8.6 billion (corresponding to total operating assets of EUR 6.1 billion), comprising 215 projects across various sub-sectors: conventional generation, large and small hydropower plants, renewables, transmission & distribution of electricity, and distribution of natural gas.
- The Associate Engineer will work in developing private and public sector projects. For each project, the

Associate Engineer will report to the Principal Engineer who together with the Operation Leader (OL) will provide project preparation, appraisal review and monitoring (as appropriate).

- As part of their normal duties the Associate Engineer will liaise with a range of other departments including but not limited to teams from the Climate Strategy & Delivery (CSD), Environment & Sustainability (ESD) and Policy, Strategy and Delivery business units as part of their project work.
- Under the guidance of the Principal Engineer, the Associate Engineer may meet with local Authorities, Sponsors and investors management to help facilitate the project life-cycle and particularly during pre-signing of investments.

Facts / Scale

- The Associate Engineer may be involved yearly in up to 10 project appraisal processes for a project amount, usually between EUR 10m to EUR 1 billion, and loan amounts of up to EUR 300m.
- Internal relationships: Banking teams (Bankers and Directors), internal departments – CSD, ESD, PSD Procurement etc.
- No internal direct reports.
- No direct budgetary responsibility.
- Some travel to the Bank's countries of operations.

Accountabilities & Responsibilities

- Carry out or supervise technical due diligence in order to appraise technical and commercial viability of projects in preparation under the direction of the Principal Engineer.
- Help prepare project related documentation including writing Terms of Reference, internal Bank approval documentation etc. providing relevant technical input as necessary.
- Maintain benchmarks of different technologies to ensure Team has state-of-the-art sector expertise.
- Support other sectors and sub-sectors with technical advisory including concepts such as digitalisation, resilience etc.
- Under the direction of the Principal Engineer support project monitoring in order to support loan disbursement process.
- Contribute to development of related policies, Country and Bank Strategies and to the EBRD's Green Cities initiative.
- Interact with other EBRD departments and coordinate with other DFIs to facilitate project development and their delivery.

Knowledge, Skills, Experience & Qualifications

- Master's Degree qualification (or equivalent) in relevant engineering discipline (including but not limited to mechanical and electrical engineering); additional qualification or awareness of finance, economics or banking would be beneficial.
- Some experience in the field of power engineering with a relevant infrastructure utility company or corporate/project finance group, an IFI and/or a technical consultancy firm and/or organisation of similar expertise.
- Ideally, experience of preparing technical appraisals due diligence and monitoring of projects in the electricity generation, electricity distribution & transmission sectors.

- Experience in working in cross-cultural teams
- Competent analytical and technical skills with the ability to interpret technical information and able to analyse and assess project viability and environmental, social and economic sustainability.
- Ability to communicate effectively and confidence reflected in good verbal and written communication skills in English.
- Language skills from one of the Bank's countries of operation is desirable but not essential, competent English speaker is critical

Challenges

- Maintaining creativity and resilience when working under pressure
- Involvement with multiple projects with varying degrees of complexity
- Meeting business deadlines and competing demands especially at critical periods
- Maintaining an appropriate level of technical input
- Occasional, short-duration, overseas travel to support projects, clients and banking teams.