



VACANCY ANNOUNCEMENT

The World Bank Islamabad Office

Job Description Senior Power Engineer

Regional Context

The World Bank's South Asia Regional staff share a vision and a set of values that are at the core of our work. The Region's staff is creating a learning organization -

- that assists clients to conceive, prepare, and implement their own policies, programs and projects, not ours;
- that listens and empowers clients at the grass roots;
- that learns from its clients, enriching us and all member countries in turn;
- whose clients want its services because they seek our excellence;
- where everyone knows it is not what we finance but the knowledge we impart in the assistance process that lasts; and, therefore, a Bank that intermediates knowledge first, and money last.

To realize this vision, we ascribe to a set of values as the basis for how we behave in the delivery of our work. We value:

- passion for the Bank's mission and poverty reduction;
- intellectual rigor and curiosity;
- honesty and integrity;
- openness to learning and the courage to admit we don't always have the answer; and
- team work.

Background

Better access to good quality and efficient energy services not only leads to higher economic growth and household incomes, but also improves human development indicators and enhances the quality of life, particularly for those who do not presently enjoy access to modern energy services (about 1.6 billion people do not have access to electricity, over half of them in South Asia). Therefore, increasing access to reliable, efficient and sustainable energy services is an essential component of the global poverty reduction strategy.

The World Bank has a long history of working with countries in South Asia (Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka) to develop the infrastructure and institutions to provide modern energy services to their

people in a demand-responsive and sustainable manner. The energy program in Pakistan is now poised to grow rapidly, covering cutting edge reforms (sector and corporate governance, energy security and the environment, regional energy trade, power supply to agriculture, etc.) and investment support in the areas of hydro and thermal power generation, power and gas transmission and distribution, rural energy services, and renewable energy development. The Bank's energy project portfolio in Pakistan itself is expected to grow to about US\$1.5 billion equivalent over the next 3 years.

In this context, the advertised position offers a unique opportunity for high caliber professionals to contribute in the World Bank's role in shaping the agenda for development of energy services in South Asia in general and Pakistan in particular

Duties and Responsibilities

1. *Preparation and Supervision of Power/Energy Projects and Program:* Responsibility under this element of Duties and Responsibilities would comprise a variety of operational tasks, e.g. technical and engineering analysis, design of technical assistance interventions, participation in project preparation, negotiations, implementation review, and preparation of project appraisal and project implementation completion reports. Specifically, the selected candidate is expected to:

- Review project feasibility, other relevant study reports prepared by the clients and their consultants, and advise the task teams accordingly, to ensure appropriate technical/engineering quality and consistency in the project;
- Participate in project preparation and appraisal, including evaluation of investment and project management procedure and institutional set-up, and preparation of project cost estimates; provide guidance and assistance to the borrowers/implementing agencies in preparation of project implementation plans,;
- Be responsible for the procurement and contracting aspects of the various operations including helping clients prepare the procurement strategies and plans; and ensuring that the prepared procurement contracting strategies are consistent with World Bank guidelines (which will require interaction with the World Bank's designated procurement fiduciary staff);
- Participate in missions within the country, and abroad if required, and provide technical inputs and guidance to counterparts on appropriate scope, technology, costs, etc.; prepares terms of reference for any technical assistance support required under the projects, review technical documents and specifications; assists in supervision of project implementation, reviews quality and progress in physical, financial terms, and prepares supervision reports, etc.
- Support the clients in preparing implementation of activities, review of -- technical specification for power equipments and works (substations, transmission lines, etc.); pre-qualification documents, bid evaluation reports, terms of reference for consultants; etc.

2. *Analytical and Advisory Work and Knowledge Management:* Participate in developing and implementing sector strategy and assist in country-specific policy work; keep abreast with latest social and environmental practices for energy projects, and

ensure adequate consideration of these issues in project planning, design and implementation, etc.

3. *Coordination within and outside the Bank:* Co-ordination with the task teams/task leaders at Islamabad office and headquarters; work closely with the Bank's Environmental, Social Development, Procurement, Poverty Reduction and Economic Management, Disbursement, Audit and Financial Management teams; assist in donor coordination, organization of workshops/conferences/seminars; interact with government and research institutions, non Government organizations, resource groups, international agencies, individuals and groups for exchange of information and ideas in order to stay abreast of current practices in the sector, etc.

The selected candidate would have opportunities to work on World Bank supported activities in other countries of South Asia and potentially in other regions.

Skills and Selection Criteria

Minimum Qualifications:

- Well regarded academic proficiencies with minimum Bachelor's degree (Master's desirable) in Engineering, preferably with Power systems /electrical engineering as specialization subjects; Additional complementary qualifications in Business Administration, economics, environmental assessment, law, would be a distinct advantage.
- A minimum eight or more years of work experience in the field of power sector preferably in as many sub-fields as possible such as – system (expansion) planning; different electricity generation techniques (hydro, thermal, alternative energy), distribution and/or transmission systems; development of grid/ off-grid based rural electrification; commercial operations of power utilities in areas like billing and energy audits, loss reduction; electricity regulatory aspects; Load dispatch and power system operation.

Preferred Additional Qualifications/Experience:

- Familiarity with procurement guidelines of the World bank or other multi-lateral institutions
- International work experience

General competences:

- Knowledge and understanding of the current state of affairs in energy/power sector developments.
- Effective verbal and written communication skills.
- Ability to work flexibly on a range of assignments, and adjust to and prioritize a variety of complex and evolving tasks
- Ability to effectively provide professional support to senior staff
- Strong interpersonal skills and ability to develop effective relationships.
- Knowledge of basic computer programs – MS office, etc.
- Knowledge of Government of Pakistan and various Provincial governments' policies and programs on power/energy development.

Work Relationship

- Reports to the Sector Manager (Energy) in the Sustainable Development Unit of South Asia Region and works with the various task teams designated for the assigned tasks.
- Frequent interaction with counterparts in the government and its institutions, other multi-lateral and bi-lateral organizations, academia, research/public policy institutions etc; cross-sectoral teams within the Bank, networks, country management units, etc.

The World Bank offers a locally competitive package and is committed to attract and maintain a diverse and dedicated workforce. Women are strongly encouraged to apply. Only short-listed candidates will be contacted. For submitting the application please visit www.worldbank.org/jobs referring to **Job # # 081613** by **August 25, 2008**.

N.B. These are two-year fixed term, Islamabad-based local positions and carry remuneration and benefits according to the local job market.

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