

### Vacancy Announcement

**Position:** Senior Technical Expert (Power Plant Component)  
**Project:** Indo German Energy Programme  
**Location:** New Delhi  
**Number of vacancy:** One

#### **Responsibilities:**

- Responsible for the successful implementation of power plant component (component 2 of IGEN)
- Working closely with the Central Electricity Agency (CEA) to support energy efficiency measures within Indian power plant sector
- Responsible to coordinate, follow up and monitor the activities contracted to consultants under power plant component (component 2 of IGEN), particularly the contract with Steag GmbH
- Coordinating of all communication between all stakeholders of the power plant component, in particular CEA and other government agencies, IGEN, Steag and national power plant operators.
- The leading specialist for this program component
- Providing leadership for further development of joint programs with CEA
- Responsible for capacity building of CEA and other state officers as well as power plant engineering undergoing the Epsilon training program
- Coordinating with other professionals to ensure effective team work for achievement of program objectives,
- Support to the Excellence Enhancement Centre (EEC) in form of coordinating and communication with other professionals, membership drive in and knowledge management
- Initiating and leading interaction with counterparts/partners for achievement of program objectives and promote partnership building for sustainable operations
- Report monthly on all aspects of development of power plant component (component 2 of IGEN)
- Coordinating integrated PPP projects of IGEN in the power sector and support other PPPs conducted from GIZ Headquarter

#### **Within this context he performs the following tasks**

- Enhancing the expertise of CEA officers to monitor and verify the power plant performance

- Supporting CEA in review and assessment of the power plant component 2 results, preparation of annual report of energy efficient improvement areas
- Preparation of standard format for energy audit report of power plants to be submitted by accredited energy auditors
- Review and appraisal of energy audit reports of power plants submitted by accredited energy auditors
- Publishing of summary of energy audit reports of power plants submitted by accredited energy auditors
- Familiarization and interchange of best practices in the power sector with German/European power plant operators
- Preparation of training need analysis at state utilities to indentify the training requirements over the next five years
- Organization and realization of small group activities on Energy Conservation in selected power stations
- Organization of Workshops/Seminars on new and emerging energy efficient technologies and best practices
- Development of feasible and innovative Public Private Partnership models with technology suppliers
- Proactive support to the Excellence Enhancement Centre (EEC) in form of coordinating and communication with other professionals, membership drive in and knowledge management
- Establishment of standard monitoring and verification protocol for the implemented recommendations in power plants suggested by the accredited energy auditors under the Energy Conservation Act, 2001.
- Familiarisation and training of designated state agencies and power plant operators with respect to the provisions of Energy Conservation Act, 2001, as they apply to the power plants.
- Development of computer based database to analyse the findings of all the energy audit reports carried out in the power sector by accredited energy auditors and impact with respect to energy efficiency and its conservation
- Publication of annual report concerning Net Heat Rate reduction in power sector under the Energy Conservation Act, 2001.

### **Required Qualifications and Competencies**

#### **Formal Education**

Ph.D. or Post- graduation from a reputed university in subjects such as energy & environment management, applied physics with meteorology, etc.

**Professional Experience**

At least 10 years of professional working experience in a similar position and in relevant fields/sectors.

**Other Qualifications**

Excellent computer skills in Microsoft Office (Excel, Word, Power Point, Access), and good professional analytical skills suitable for the energy sector.

Please apply in confidence by email (no phone calls please!) **latest by 15th August 2011**, **attaching a cover letter and your CV as a single file with a filename containing your full name**, in Microsoft Word, Adobe PDF or plain text format. The covering letter should describe your motivation for applying for this position, salary expectation, current salary, current location and contact details. Please mention the **Position name** in the **Subject** field of your email, and send your applications to: [giz-indien@giz.de](mailto:giz-indien@giz.de)

**Due to high volume of anticipated applications, only shortlisted candidates will be notified**