

Project Managers- for 7 industrial sectors under the Indo-German Energy Programme.

The Indo-German Energy Programme and the Bureau of Energy Efficiency, Ministry of Power, are seeking to appoint-

Seven Industrial Experts (Five sector experts and two policy level specialists) for Fertilizers, Iron and Steel, Cement; Pulp and Paper, Chlor-Alkali, Textiles and Power for execution of the Perform Achieve and Trade Mechanism (PAT) under the “National Mission on Enhanced Energy Efficiency”

Job Description: Project Manager for the Seven Sectors

These assignments are intended for senior professionals with extensive working experience in the concerned sectors and give them outstanding opportunity to work at the cutting edge in the exciting field of energy efficiency.

Location: New Delhi, India

The selected experts are required to join their assignments within two months as the programme is likely to start functioning from October, 2009. The assignment shall be on contract initially for one year extendable upto four years based on performance.

Background

The Federal Republic of Germany and the Government of the Republic of India have, under the Indo-German Technical Cooperation, have agreed to jointly promote the “Indo-German Energy Programme” (IGEN). with the aim to promote energy efficiency/conservation in energy consumption so to use energy more efficiently and in turn improve the environment/climate protection. The project has been sponsored by the Federal Ministry of Economic Cooperation and Development (BMZ) of the Government of FRG and the Ministry of Power for execution through Deutsche Gesellschaft fur Technische Zusammenarbeit (GTZ) GmbH, Eschborn and Bureau of Energy Efficiency and Central Electricity Authority respectively. The work on Phase 1 of the project was commenced with effect from October, 2003 and is scheduled to be concluded in September, 2009 The Phase II of the Project is planned for the period October, 2009 -2013 to provide support through GTZ to the Ministry of Power in the promotion of Energy Efficiency in close cooperation with the Bureau of Energy Efficiency (BEE), the Central Electricity Authority (CEA) and 30 State Designated Agencies set up under the Energy Conservation Act.

GTZ is an international cooperation enterprise for sustainable development which operates world wide, on a public benefit basis. GTZ is fully owned by the German Federal Government, GTZ implement development programmes in partner country on behalf of the German Government in achieving its development policy objectives.

The broad focus of IGEN Programme is to support the implementation of the Energy Conservation Act; The Act positively intervenes at all levels of society to ensure that Electricity producers and energy consumers improve energy efficiency and contribute to climate protection leading to a decoupling of growth in energy consumption from economic growth with emphasis on energy-intensive large industries, manufacturers of household appliances and industrial equipment, as well as engineering consultancy firms. The bilateral technical cooperation involves local and international professionals and supports labelling of energy efficiency of household appliances and energy intensive industrial equipment; certification of energy managers and energy auditors; setting norms and standards for energy intensive industries; transfer and promotion of cutting edge technology to reduce energy consumption; promotion of clean development mechanism and operation of one of the largest web portals on the subject.

Position Summary

The Energy Conservation Act has identified 15 large Energy Intensive Industries for energy efficiency improvements. Section 14(e) and 14(g) empower the Central Government, on the recommendations of the Bureau of Energy Efficiency, to prescribe energy consumption norms and standards. The Government has, in March, 2007, has notified industrial sectors including the aforesaid seven sectors as Designated Consumers under the Act. These industries have to appoint an energy manager, file energy consumption returns every year and conduct mandatory energy audit. They also will have to adhere to the energy consumption norms specified by the Government. The Perform Achieve and Trade Mechanism is a scheme that is being designed to incentivize higher efficiencies for each industrial unit/establishment which is designated consumer under the Energy Conservation Act, 2001 (52 of 2001).

Responsibilities

The Project Manager will be the overall in-charge for each industrial sector and will directly report to the Director-General, Bureau of Energy Efficiency or his nominated delegate under the framework of his/her employment contract with GTZ. The Project Manager for each sector will be principally responsible for -

- Preparation of sectoral profile for the concerned sector and policy framework for execution of Pat scheme in each sector ;
- Mapping of processes, technologies and energy consumption trends in the concerned sector;
- Carrying out of material and energy balances, process-wise in the concerned sector;
- Evaluation of energy audit report for each designated consumer in the concerned sector;
- Fixation of norms and standards as per the Energy Conservation Act;
- Identification of suitable technologies under the Indian conditions and facilitate their penetration in the concerned sector;

- Preparation of suitable bandwidths of Specific Energy Consumption (SEC) for implementation in the concerned sector based on the specified methodology;
- Identification of energy saving potential for each designated consumer in each sector and SEC improvement targets for all plants in the identified range/bandwidth in relation to the existing average SEC of an individual designated consumer during the last three years in each sector;
- Preparation of detailed baselines of SEC for energy intensive process in each sector, measurement and verification protocol of current SEC for each designated consumer, issue of energy saving certificates, interaction with the strategic stakeholders for trade off energy saving certificates, dispute resolution mechanism of E.S Certificates and preparation of time bound action plan for implementation of the programme.
- Liaison and contact management during the programme implementation i.e. to compile and provide information on the PAT scheme and related issues and participate in meetings seminars and workshops in relation to the scheme;
- Programme management issues-to support the process of impact monitoring at programme component, sector and country level; preparation of monthly progress reports for GTZ, BEE , MOP etc.; to support the knowledge management of the programme documentation of lessens learned, preparation and implementation of national and international conferences;

Selection Criteria:

An essential element of the role will be the ability to operate simultaneously at different levels ranging from senior level engagements in the public and private sector to practical hands-on activities to facilitate the strategic development of the programme, launching , implementation and completion of activities in a time bound manner by liaising between the Bureau of Energy Efficiency, Ministry of Power and other strategic partners including GTZ programme offices, national and international consulting groups as service provider to IGEN.

Experience and Knowledge

Applicants for sector experts should -

- (a) hold Bachelor's degree in Engineering from a recognised university preferably Masters' degree in the field of energy;
- (b) be qualified Energy Auditors;
- (c) have at least 12 years of work experience in the field of operation and Maintenance of plants and energy related areas in the concerned sector with extensive and profound knowledge of global and national best practices operating in the concerned sector;

- (d) have conducted not less than 20 energy audits in the concerned sector;
- (e) have previous exposure to the Energy Conservation Act; Clean Development Mechanism would be preferable.

Applicants for policy level experts should-

- (a) hold Bachelor's degree in Engineering from a recognised university preferably Masters' degree in the field of energy;
- (b) have at least 10-12 years experience in the formulation of and implementation of policies/strategies in the field of energy /energy efficiency, demand side management, financing and infrastructure etc. in the Government organisation to ensure sustainable development of India;
- (c) have previous exposure to Energy Conservation Act; Clean Development Mechanism would be preferable

Applicants must have project management skills, engagement and stakeholder relationship management experience, event management experience and the ability to work in an international team and often hectic environment. Excellent presentation and written communication skills in English are expected.. Compensation levels of GTZ are competitive.

Employment Conditions

- Competitive salary;
- Benefits include medical insurance and reimbursement, provident fund contribution etc,
- Annual bonus of one month salary
- 24 days annual leave

Please courier/email your application within two weeks to GTZ office, 21 Jor Bagh, New Delhi-110 003(Email: gtz-indien@gtz.de) giving reference to the position applied for.

Only short-listed candidates will be informed.