



## UNITED NATIONS ENVIRONMENT PROGRAMME

Programme des Nations Unies pour l'environnement

Programa de las Naciones Unidas para el Medio Ambiente

Программа Организации Объединенных Наций по окружающей среде

برنامج الأمم المتحدة للبيئة

联合国环境规划署



### Terms of Reference for the Project Staff to be recruited for

## Phasing out Incandescent Lamps through Lighting Market Transformation in Vietnam

**Background:** Electricity for lighting is responsible for 19% of total end use electrical consumption and for 6% of global greenhouse gas (GHG) emissions. This equals to the combined emissions from Germany and Japan. Over the next 20 years global electricity consumption for lighting is expected to increase by 60%.<sup>1</sup> Shifting to efficient lighting technologies would cut the world share of electricity used for lighting from 19 to 7%. This would save enough electricity to close 705 of the world's 2 670 coal-fired plants.<sup>2</sup> In addition, it could save countries and users a considerable amount of money in avoided electricity bills, making available these resources for other human needs. Few actions can cut carbon emissions more easily than the phase-out of inefficient lighting, making it one of the most effective and economically advantageous means to combat climate change.

The Global Environment Facility (GEF) has been seeking an approach to assist developing countries in achieving significant measurable change in their energy patterns and securing a low-carbon energy future. To this end, the GEF launched the Global Lighting Initiative in November 2007. It aims at accelerating global market transformation of environmentally sustainable, energy efficient lighting technologies as well as to develop a strategy to phase-out incandescent bulbs, thereby reducing global greenhouse gas emission from the lighting sector and the co-benefit of reducing mercury release from coal combustion being the main source of energy.

Under the umbrella of this Global Lighting Initiative, the Government of Vietnam and UNEP developed a project entitled 'Phasing out incandescent lamps through market transformation in Vietnam' funded by the GEF. The overall aim of the project is to phase out Incandescent Lamps (ILs) production and sale through the transformation of the lighting products market as well as the promotion of high quality Energy Saving Lamps (ESLs) in Vietnam. The phase out of ILs will reduce greenhouse gas (GHG) emissions from the lighting sector and accelerate commercialization and sustainable market transformation of energy efficient lighting technologies in Vietnam.

UNEP/ DTIE in cooperation with the Institute of Strategy and Policy on Natural Resources and Environment (ISPONRE) under Ministry of Natural Resources and Environment (MONRE) is the project executing agency/organization. Under the said project a Project Management Office (PMO) is to be constituted and relevant personnel hired/nominated to implement the day to day operation and management of the activities under the project. PMO will be responsible for the overall operational and financial management and reporting of the GEF funds in accordance with the rules and regulations for nationally executed projects. The PMO will manage day-to-day operations of the Project, and will be based at the premises of ISPONRE

### **Position/Post: Senior Technical Advisor**

The Senior Technical Advisor would not be involved in day to day activities of the project and will be a part time position and the candidate would be selected based on a transparent and fair selection process. He /She would be expected to perform the following duties and responsibilities:

<sup>1</sup> "Light's Labour's Lost: Policies for Energy-efficient Lighting, in Support of the G8 Plan of Action". International Energy Agency, OECD, 2006.

<sup>2</sup> "Plan B, 4.0: Mobilizing to Save Civilization," Lester R. Brown, Earth Policy Institute, 2009.



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### Duties and Responsibilities

- Providing overall technical advice on all issues related to project implementation.
- Provides inputs and review the terms of reference of the external consultants hired for specific purposes.
- Facilitate in identification of local and international consultants.
- Review of key outputs of the project, including market survey and assessment studies, business plans.
- Review the technical reports submitted by the consultants
- Prepare technical training program agenda and ensure participation.
- Liaise with the manufacturers of the ESLs in Vietnam and motivates them to adopt manufacturing line for quality products
- Provides direction to the project.
- Ensure that the activities are carried out according to the project design and the outcomes and outputs/deliverables are achieved within the approved timeframe and budget
- Help in organizing of training programs, ensure adequate participation and quality of reports

### Qualifications:

- *Education:*
  - Minimum of University degree in Science or Engineering and post-graduate Masters Degree in Management or a Masters in Business Administration
  - Evidence of published books or journal articles or reports on energy sector, regulation and reform, energy policy , social issues etc
- *Experience and Competencies :*
  - Minimum 12 years experience in the energy sector and minimum 10 years in managing a regional energy-related organization/agency or program
  - Extensive knowledge of power sector, regulation and reform, energy policy and lighting issues in Vietnam
  - Widely traveled in the region, with good contacts in key institutions including lighting industry, power utilities, regulatory bodies, private energy companies, government ministries etc in Vietnam
  - Demonstrated ability in providing advisory services to industries on technological issues
  - Knowledge and experience in working with government and NGOs in Vietnam
  - Good contacts in key institutions including power utilities, regulatory bodies, private energy companies, government ministries etc.
  - Sound understanding of quality issues related to production line of appliances and equipments would be an advantage
- *Language*
  - Excellent oral and written communication skills in English
- Other Desirable skills:*
  - Adequate computer literacy
  - Ability and willingness to travel at short notice



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