

*<Note: The activity for which international expert support is needed is the development of a pilot procedure for mandatory contribution of renewable energy into the country's electricity generation mix >.*

Terms of Reference  
**International Technical Advisors for  
Design of Mandated Market Share Policy Pilot**

The services of an experienced team of up to six, but no fewer than three consultants are required to provide technical support and guidance to the local team which is designing the Pilot Mandated Market Share Policy Component of the World Bank project. The consultants must have the following expertise:

Program Planning and Implementation: Demonstrated expertise in successfully translating policies to require/encourage clean energy development into practice. These policies may include Renewable Energy Portfolio Standards, Green Certificate Trading, Systems Benefits Charge, or Feed-in-Law/Tariff. This individual will serve as the team leader. The consultant will advise the local team on scoping out the program/plan or work, developing the conceptual design of the component to pilot the Mandated Market Policy and prepare the component implementation plan.

Technology: Expertise is required in two or more of the following areas: biomass power generation (agriculture and forestry waste, municipal solid waste incineration and landfill gas), small hydro power (<25 MW) and wind farms for sale of power to the regional and isolated grids. Intimate knowledge is necessary in state-of-the-art technology appropriate for application in the country, and its performance and costs. Experience in conducting reconnaissance and/or pre-feasibility studies of such applications is important. The consultants will assist the local team in identifying, characterizing and justifying such investments opportunities in the pilot province

Economist: Expertise in pre-feasibility-level power project financial analysis, economic analysis of projects (including incorporation of externalities), and project screening methods is needed. The consultant will be principally responsible for advising the local team in appropriate screening methodologies to identify strategic renewable energy investments in the pilot province that would support the Mandated Market Policy pilot.

Each consultant must have at least five years of directly relevant expertise.

Period of Performance: Approximately 9 months, from date of contracting.

Level of Effort: Total time requirements are estimated at about 5 staff-months. The labor allocation may be as follows: Program Planner (50%), Technical Specialists (25%), and Economist (25%). A total of about 4 visits to the country may be needed. The allocation may change depending on actual requirements, determined during preparation of the inception report.