

MAJOR WORK DURING LAST TEN YEARS THAT BEST

ILLUSTRATES QUALIFICATIONS

Project Name: ADB AOTA-4461: Poverty Reduction and Renewable Energy Development Project		Country: Afghanistan
Project location within Country: Kabul		Professional staff provided by your company: No. of Staff: 1 No. of Person-Months: 1
Name of Client: Asian Development Bank		
Start Date (Month/Year): February 22, 2007	Completion Date (Month/Year): March 21, 2007	Approximate Value of services: \$20,000
Name of Associated Firm(s), if any: N/A		No. of Person-Months provided by Associated Firm(s): N/A
Name of Senior Staff (Project Director, Team Leader) Involved and Functions Performed: Dr. Masud Karim, Renewable Energy Specialist		
<p>Detailed Narrative Description of Project:</p> <p>The objective of the TA is to develop renewable energy resources in remote areas to support its poverty reduction efforts. The goal of the project is to establish the necessary conditions for pre-electrification of remote areas using solar power. The long-term objective is to lay the foundations for sustainable dissemination and use of solar systems in those rural areas that cannot be accessed by the planned national grid in the near and medium term. The specific objective is to evaluate the potential for increased use of solar photovoltaic technology to provide solar-powered electricity in rural areas with the involvement of NGOs. The Project will also help formulate an approach toward developing renewable energy in isolated rural areas, including implementation strategies. The strategy will identify options for mainstreaming renewable energy to improve access to electricity by the poor in rural areas.</p> <p>The objective of the subcomponent is to provide the enabling environment for sustainable dissemination and use of renewable energy in rural areas by enabling the country to benefit from Kyoto protocol's trade in emission permits and credits.</p>		
<p>Detailed Description of Actual Services Provided by Your Company:</p> <p><i>Engconsult was responsible for the following:</i></p> <ul style="list-style-type: none"> • Review all previous energy studies, ongoing studies and based on the Intergovernmental Panel on Climate Change guidelines for national greenhouse gas inventories, will estimate emission inventories of emission sources and sinks. • Develop innovative options for dissemination of renewable energy by enabling the country to benefit from worldwide trade in emission credits; • Collate total emission of all greenhouse gases from stationary and mobile energy activities (fuel combustion as well as fugitive fuel emissions). • Industrial Processes: Emissions within this sector comprise by-product or fugitive emissions of greenhouse gases from industrial processes. Emissions from fuel combustion in industry should be reported under Energy. Emissions should, wherever possible, be reported according to the ISIC Group or Class within which they occur. • Solvent and Other Product Use: This category pertains mainly to resulting from the use of solvents containing volatile compounds. • Agriculture: Describes all anthropogenic emissions from this sector, except for fuel combustion emissions and sewage emissions, which are covered in Energy and Waste modules. • Land-Use Change and Forestry: Total emissions and removals from forest and Landuse change activities. • Waste: Total emissions from waste management. • Others: Any other anthropogenic source or sink not referred to above (will be appropriately documented). 		