**Project Summary**

**Project Background**
In the frame of the “Rural Electrification program for Kapisa”, the French cooperation in Afghanistan plans to supply the remaining areas of Mahmood Raqi with electricity, which covers commercial and private consumers. The French Government has already funded the 1st phase of Mahmood Raqi's electrification in year 2012/2013. This study is considered as preparatory for the 2nd phase of the Mahmood Raqi's electrification, which should connect the remaining parts of the provincial capital to the grid.

**Project Objectives**
The overall objective of the project is to improve living conditions in the selected project areas through provision of affordable and reliable electricity to the population of Mahmood Raqi, in order to enhance the local economy in the areas with income generation through job creation as a result. Direct beneficiaries are estimated about 6,000 households or 54,000 people.

At the first stage a socio-economic baseline survey and a detailed technical study will be conducted, in order to obtain reliable data on the population to be supplied, the number of households/families, share of women and children in households, their current energy sources, their monthly income and cost of energy per month. The technical part will assess the most effective supply routes, based on the requirements of MEW and DABS. The final catchment area will be supplied through the existing grid.

Upon completion of the above mentioned survey, a detailed design of the 20/0.4 kV network for the defined catchment areas will be prepared by the Consultant and submitted for approval to AFD/MEW. The bidding documents will be prepared in accordance to the requirements of AFD/MEW, which is the final stage of the study.

**Project Results**
The project implementation is based on the following methodological approaches:

• Close coordination and implementation with the local population, the local Shuras and the administrative units at district and provincial levels;

• In the socio-economic aspect, each household/family will provide exact data and information for the planning stage;

• In technical aspect of the project, necessary and essential data will be obtained to support a detailed design of the electrification system;

• Procurement and bidding process of the project under this contract will be made in compliance with acknowledged rules and regulations (e.g. ICB).

**Services Provided**

• Design and conduct of socio-economic baseline survey of households, local enterprises and public institutions

• Technical field survey, in order to acquire reliable data on energy demand/supply and current consumption

• Detailed technical design of the network

• Preparation of bidding documents (ICB)