

## **Request for Expression of Interest for Environmental Consultants to Prepare an Environmental Management Plan (EMP)**

KURDISTAN REGIONAL GOVERNORATE / REPUBLIC OF IRAQ

DOKAN AND DERBANDIKHAN EMERGENCY HYDROPOWER PROJECT

RENEWABLE ENERGY SECTOR

CONSULTING SERVICES

Project ID No. P099059

Credit NO. 4249-IQ

Deadline: 26-January-2009

1. The Kurdistan Regional Government/Republic of Iraq has received funding from the World Bank for emergency repairs of the Dokan and Derbandikhan hydropower plants, both located in the Kurdistan Region of Iraq. The Dokan and Derbandikhan Emergency Hydropower Project (DDEHPP) is currently under implementation by a designated Project Management Team (PMT). The objective of the DDEHPP is to help alleviate the current power supply shortage through urgent repair works and prepare for the rehabilitation of the hydropower plants to restore their original capacity.

2. The project has been processed as an Emergency Recovery Project. Considering the emergency situation and the current security conditions in Iraq, an Environmental and Social Screening Assessment Framework (ESSAF) designed for Iraq was used for this project. At both locations, the main components of the DDEHPP consist of emergency repairs at both hydropower stations and the preparation of the subsequent rehabilitation of the Dokan and Derbandikhan hydropower stations, which would restore their original capacity of 400 and 249MW respectively. It is important at the onset to recognize that both the Dokan and Derbandikhan dams, reservoirs and hydropower plants have existed for nearly five decades and therefore, they have generally integrated with the surrounding environment prior to the current intervention. On the other hand, the lack of maintenance and monitoring raised serious technical and safety issues. In addition, environmental and social dimensions have historically not been examined or taken into consideration. The emergency project is rated as a category "B" and the follow up full rehabilitation project is expected to be rated as category "A" with no direct adverse social impacts and no land acquisition at this point in time.

3. The DDEHPP involves: (a) the installation and commissioning of an Excitation System at both plants; (b) the overhaul repair of Dokan switchyard; (c) the supply of spare parts for air compressors; (d) the supply, installation, and commissioning of control, protection, and monitoring equipment for the rehabilitation of the Dokan and Derbandikhan hydro power plants; (e) the supply, installation, and commissioning of equipment and materials necessary for the rehabilitation of the switchyard at the Derbandikhan hydro power plant; and (f) the supply, installation, and commissioning of monitoring equipment and spare parts to improve the monitoring systems at the Dokan and Derbandikhan hydro power plants.

4. The future interventions anticipated include: (a) replacement of Derbandikhan turbine runners; (b) installation of mini hydro power plants at Dokan and Derbandikhan; (c) replacement of Dokan generators; and (d) replacement of Derbandikhan circuit breakers.

5. The MoE-KRG now invites eligible consultants to indicate their interest to prepare an Environmental Management Plan (EMP) for the limited intervention of equipment procurement and rehabilitation described under item 3. While it is expected that the associated Environmental aspects will be relatively limited, however, the major environmental concerns shall be outlined under the context of this intervention, with an emphasis on those associated with the equipment deployment.

6. Interested Consultants must provide information indicating that they are qualified to perform the services (brochures, description of similar assignments, experience in similar assignments, experience in similar conditions, availability of appropriate skills among staff, etc.). Consultants must include in the Expression of Interest the following information:

6.1. Profile illustrating familiarity with similar interventions and experience in preparing EMPs particularly hydro power plants. Names and contacts for previous projects are an essential element of the selection process.

6.2. Curriculum vitae for the key personnel who will be involved in the preparation of the EMP with relevant experience and corresponding role on this assignment.

7. Consultants may associate to enhance their qualifications.

8. A Consultant will be selected on the basis of the information supplied under item 6 and in accordance with the procedures set out in the World Bank's Guidelines: Selection and Employment of Consultants by World Bank Borrowers May 2004.

9. A budget of 25,000 USD has been allocated for Phase I of this assignment described under item 5 which does not include the preparation of a full ESIA for the wider rehabilitation intervention described under item 4.

10. Interested consultants may obtain further information at the address below during office hours 0900 to 1500 hours.

11. Expressions of interest must be delivered to the address below by [26-January-2009].

ATTN: H.E. Hoshyar A. Siwaily  
Minister  
MINISTRY OF ELECTRICITY  
KURDISTAN REGIONAL GOVERNMENT  
E-Mail: moe-kr@hotmail.com

Focal Person: Mr. Fatih Saeed Salih  
Tel: +9647701580336  
E-Mail: fatihsalih02@yahoo.com  
Postal address: General Directorate of Electricity - Sulaymaniyah  
P.O. Box 388  
Sulaymaniyah - Republic of Iraq