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**HR-Zagreb: BERD - Anuncio de licitación para servicios de consultoría de la unidad de ejecución del proyecto para el proyecto de la central hidroeléctrica de Ombla 2011/S 112-185169**

**Hydro Power Plant Ombla – PIU Consultancy Services**

Project name: Hydro Power Plant Ombla – PIU Consultancy Services

Country: Croatia

Business sector: Power and Energy

Project ID: 6399-EOI-42219

Funding source: EBRD loan proceeds

Type of contract: Consultancy Services

Type of notice: Invitation for Expressions of Interest

Issue date: 03 June 2011

Closing date: 01 July 2011 16.00 CET

Assignment Description: Hrvatska Elektroprivreda d.d. (HEP or the Client) is the 100% state-owned electric power utility of Croatia. HEP is planning to construct a 68 MW hydro power plant delivered by four units, based on a classic design and equipment. The envisaged annual electricity generation is 220 GWh. Ombla HPP shall be located at the Rijeka Dubrovačka bay in the Adriatic coast. The European Bank for Reconstruction and Development (the Bank) may provide a loan in the amount of EUR 125 Million along with an equity investment by HEP in the amount of EUR 27 Million for funding the construction of the Ombla HPP.

This is a multipurpose hydro project aiming at electricity generation and potable water supply to the town of Dubrovnik. The water from the catchment before the turbines shall also be used for the supply of potable water to the City of Dubrovnik, which is located approximately 2 km down stream the HPP. The Project is expected to triple the capacity of water supply in the tourist area of Dubrovnik (from 500 l/sec currently to 1,500 l/sec), which will enable reliable water supply for the future. The Project will also allow potable water to be transported to customers by free fall, eliminating the current need for water pumps and reducing water distribution costs.

The HPP scheme will comprise a 130 meter high, underground dam and its corresponding power house connected to a natural underground water reservoir. The natural reservoir is filled by the rainfall from Ombla catchment area. Both the catchment area and the reservoir are located in the territory of Bosnia-Herzegovina. The reservoir currently discharges its flow through the Ombla spring into the Ombla river and then to the Mediterranean Sea. The HPP will be located upstream to the Ombla spring and will mainly operate as a run-of-the-river plant, i.e. without river flow diversion. It will be able to deliver a flexible outflow from 4.0 up to 60.0 m<sup>3</sup>/s. The Project's construction period is expected to be 5 (five) years. All procurement financed by the EBRD loan proceeds will be undertaken in full compliance with EBRD's Procurement Policies and Rules.

The Project will be implemented by a Project Implementation Unit established in Dubrovnik (it is anticipated that the initial place will be Zagreb). The PIU will be staffed by experts from HEP covering (i) project preparation phase (ii) project implementation phase and (iii) project completion. The PIU will be supported by an international consultant whose members will also form part of the PIU. It is desirable that the consultant has experts with the knowledge of Croatian language and applicable regulations and law.

The principal objective of this assignment is to deliver assistance to HEP's PIU during Project implementation. The Consultant will assist PIU with the following tasks:

- Development of PIU operating procedures

- Support during the procurement processes including tender evaluation and finalisation of contracts
- Assistance in site supervision, monitoring and reporting
- Assistance in testing, Commissioning and Operational Acceptance
- Assistance in monitoring and reporting of the Environmental and Social Action Plan
- Knowledge transfer to HEP
- Necessary reporting in relation to the Project

Status of Selection Process: Interested firms are hereby invited to submit expressions of interest.

Assignment expected start date and duration: assignment is expected to take place from October 2011 until completion of Project Ombla HPP (expected date of completion is March 2017). The input of the experts is expected to be intermittent during this period.

Maximum Budget available for the Assignment: EUR 2,200,000 (exclusive of VAT).

The consultant must determine whether any VAT would be chargeable on the services and the basis for that determination, without taking into consideration the Bank's special status as an IFI and state this to the Bank and HEP in their response to the Invitation for Expressions of Interest. To the extent that a consultant incurs input VAT on goods and services purchased in connection with the provision of services (e.g. VAT on airline ticket) which is not otherwise recoverable by the consultant from the local tax authority, the gross cost to the consultant of such expenses shall be treated as a reimbursable expense.

Funding Source: Through EBRD loan proceeds

Eligibility Restrictions: There are no eligibility restrictions.

Consultant Profile: An international firm of consultants will be engaged for this assignment and is expected to procure the services of a multidisciplinary team of both international and local experts as appropriate.

The Consultant is expected to have relevant expertise and experience in the procurement and implementation of hydro power plant projects. In addition, relevant experience in the EBRD's countries of operation would be an advantage. The following is the minimum expertise (key experts) and experience required for this assignment:

- A Team Leader/Hydropower Expert with at least 12 years of experience in planning, design and construction of hydropower facilities including Project Management and Contract Supervision experience;
- A Procurement Expert with at least 10 years of proven procurement experience in similar assignments (preferable HPPs) with relevant IFI's experience;
- A Site Supervision Coordinator with at least 10 years of proven technical supervision of construction of hydropower facilities. The Expert should demonstrate hands-on experience in contract supervision of contracts with similar nature and complexity;
- A Site Supervision Coordinator with at least 10 years of proven technical supervision of construction of underground works and grouting. The Expert should demonstrate hands-on experience in contract supervision of contracts with similar nature and complexity;
- A team of short term experts with proven project experience in the following areas:
  - o Underground civil works;
  - o Grouting works;
  - o Geotechnical works;
  - o Electro-mechanical Engineering (hydro-mechanical, turbines, generator);
  - o IT and Telecommunication;
  - o Environmental and Social
  - o I&C systems.

Submission Requirements: Interested consultants are hereby invited to submit expressions of interest.

In order to determine the capability and experience of consulting firms seeking to be shortlisted, the information submitted should include the following:

- Company profile, proposed project organisation and staffing;
- Details of experience or similar assignments undertaken in the previous five years, including their locations, overall budget, and proportion undertaken by the consultant both in terms of staff input and budget;
- Economic and financial standing of candidate (this includes all partners in a consortium). As a minimum average annual turnover of the Company (Single Entity or JVCA as a whole) should be not less than Euro 2 million equivalent (in case of JVCA, the Lead Partner shall meet not less than 60% of the requirement);
- CVs (limited to 4 pages per CV) of staff who could be available to work on the assignment.

The above information should not exceed 10 pages excluding CVs.

One original and two numbered hard copies together with electronic copy on CD-Rom of the above information in English should be submitted to the Client in an envelope marked "Expression of Interest for PIU Consultancy Services for Hydro Power Plant Ombla Project", to reach the Client not later than the above closing date.

Contact Details and Contact person(s):

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Notes: Following this invitation for expressions of interest, a shortlist of qualified firms will be formally invited to submit proposals. Shortlisting, selection and contracting will be subject to the availability of funding.