

Assignment name	Bosnia and Herzegovina: ISO – EMS, SCADA and IT upgrade - Consultant for the Project Implementation Unit (PIU)
Procurement ref:	TCS ID 49015
Business sector:	Power & Energy Utilities
Project number:	DTM ID 47324
Funding source	Central European Initiative (Italy)
Type of contract	Consultancy Services
Type of notice	Invitation for Expressions of Interest
Issue date	[21 September 2015]
Closing date	[23 October 2015]

Executing Agency (Client):

*Independent System Operator in Bosnia and Herzegovina (ISO)
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The Client Contact Person:

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Project Description:

The EBRD will provide financing to the Independent System Operator of Bosnia and Herzegovina (ISO or the Company) for the development and installation of a new state-of-the-art IT system including the Energy Management System (EMS) and the Supervisory Control and Data Acquisition (SCADA) system as well as the construction of the new premises of the Company (the Project). ISO is a public company owned by the governments of the Federation of Bosnia and Herzegovina (FBiH) and Republika Srpska (RS) and operates on the entire territory of BiH in accordance with the license which was issued by the State Electricity Regulatory Commission (SERC). ISO is responsible, inter alia for (i) managing of the transmission system and assuring its stability; (ii) managing assets and equipment in the central control and dispatching centre; (iii) dispatching, balancing and allocating the cross-border interconnection capacities; (iv) developing and managing the rules which regulate the transmission system utilisation and (v) developing and managing of market rules which are based on the provisions related to system and ancillary services in the transmission system.

Assignment Description:

The Client now intends to retain a consulting company (the Consultant) to provide

organizational and technical assistance to the Client to ensure the successful completion of the Project in accordance with the Project Implementation Plan (PIP) and with all Banks' requirements stipulated in the Loan Agreement.

The selected Consultant is expected to provide the following services:

TASK 1 – Project Preparation Phase

- a. Development of Project Implementation Unit (PIU) operating procedures
- b. Support during the procurement process including preparation of tender documents in accordance with EBRD's Procurement Policies and Rules (PP&R)
- c. Support during the tender evaluation process
- d. Support during contract finalisation

TASK 2 - Project Implementation Phase

- a. Assistance in supervision, monitoring and reporting
- b. Testing, Commissioning and Operational Acceptance e.g. FATs, SATs etc.
- c. Knowledge transfer to Client

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

Assignment Start Date and Duration: The Assignment is expected to start in the first quarter of 2016 and has an estimated overall duration of 36 months.

Cost Estimate for the Assignment: EUR 400,000 (exclusive of VAT).

The Consultant must determine whether any indirect taxes/VAT are chargeable on the proposed services and state the basis for such. If any indirect taxes/VAT are payable, the Client will have to pay indirect taxes/VAT element to the services directly to the Consultant unless otherwise agreed.

Funding Source: Central European Initiative (Italy).

Eligibility: There are no eligibility restrictions

Consultant Profile: Corporate services are required. The Consultant will be a firm or a group of firms with substantial experience in PIU support (procurement, tendering, contracting) and expertise in transmission system and network operation.

The Consultant's expert team is expected to include **key experts** as follows:

- a. **Key Expert No 1** (Team Leader) – an Engineer with preferably 10 years of previous professional experience in experience in the design and development of SCADA and other power systems software, including EMS; experience in managing similar project and excellent command of English.
- b. **Key Expert No 2** (Procurement Expert) with preferably 10 years of procurement experience in power projects including IT and SCADA projects as well as relevant IFI's experience.
- c. **Key Expert No 3** (SCADA Expert) with preferably 10 years of previous professional experience in planning, design and development of SCADA systems for large power systems at country level.

In addition, the Consultant needs to propose **Short Term Experts** as needed (not evaluated as key experts):

- d. **Power Systems IT Hardware and Software Engineers** with experience in planning, design and development of modern IT systems for power systems operators at country level, including EMS and SCADA;
- e. **Expert to assist ISO** to develop and manage the market rules based on the provisions related to system and ancillary services in the transmission system; and

f. **Supervision Expert** with substantial experience in supervision and monitoring of similar projects. It is foreseen that this Expert is fluent in the local language, and that the Expert will be mainly engaged to assist with supervision activities for the ISO construction contract of their new Headquarter.

Submission Requirements: In order to determine the capability and experience of Consultants seeking to be shortlisted, the information submitted should include the following:

1. Company/group of firms' profile, organisation and staffing (max. 2-4 pages).
2. Details of previous **project experience** or similar assignments particularly undertaken in the previous five years, including information on contract value, contracting entity/client, project location/country, duration (mm/yy to mm/yy), expert months provided (if different from duration) , main activities, objectives.
3. CVs of **key experts** who could carry out the Assignment detailing qualifications, experience in similar assignments, particularly assignments undertaken in the previous five years, including information on contracting entity/client, project location/country, duration (mm/yy to mm/yy), expert months provided, assignment budget, main activities, objectives.
4. Completed Consultant Declaration Form and Contact Sheet, the template for which is available from the following web-link:

http://www.ebrd.com/pages/workingwithus/procurement/notices/csu/contact_sheet.doc.

The expression of interest shall not exceed 25 pages (excluding CVs Consultant Declaration and Contact Sheet).

The complete expression of interest (including CVs, Consultant Declaration and Contact Sheet) should be submitted, **in English via email (pdf) to the Client's contact person**, to reach the Client not later than the closing date. One additional copy shall reach the Bank's contact person by the same due date. The expression of interest **shall be one file (pdf)**. The Client reserves the right to reject applications of firms submitting more than one file. Only if any limitation on the permissible file size is exceeded, the Consultant may split the expression of interest into further files.

Important Notes:

1. Following this invitation for expressions of interest, a shortlist of qualified firms will be formally **invited to submit proposals**. Consultant selection and contracting will be subject to availability of funding.
2. The shortlist criteria are as follows:
 - (a) Firm's previous project experience in PIU support (procurement, tendering, contracting) in similar projects in transmission system and network operations (50%)
 - (b) CVs of Key Experts:
 - **Key Expert No 1 Team Leader** – 20%
 - **Key Expert No 2 Procurement Expert** - 15%
 - **Key Expert No 3 SCADA Expert** – 15%