



Project name	Technical Assistance for Wind Farm Vlašić Travnik - BiH,
Country	Bosnia and Herzegovina
Business sector	Energy
Project ID	WB7-BiH-ENE-09
Funding source	WBIF/EWBJF grant proceeds
Type of contract	Consultancy services
Type of notice	Invitation for Expressions of Interest No. EPBiH-TA-WF Vlašić-Cons-1/14-EIB
Issue date	07.01.2014
Closing date	07.02.2014

**CONSULTANCY SERVICES
INVITATION FOR EXPRESSIONS OF INTEREST**

***Technical Assistance for Wind Farm Vlašić Travnik – B&H
No. EPBiH-TA-WF Vlašić-Cons-1/14-EIB***

JP Elektroprivreda BiH d.d. Sarajevo Bosnia and Herzegovina (EPB&H) intends to select Consultant for Technical Assistance for Wind Farm Vlašić Travnik – B&H in line with the EIB “Guide to Procurement”, version June 2011.

The main objective of the assignment shall be to prepare complete, comprehensive and professional consulting services of following assignment:

1. Task 1 - Feasibility Study (including wind assessment report, Transportation Study and Conceptual design) for Vlašić wind farm
2. Task 2 - Baseline Survey on Birds and Bats at the Vlašić site
3. Task 3 - Environmental and Social Impact Assessment at the Vlašić Plateau
4. Task 4 - Geological and Geotechnical Investigations at the Vlašić Plateau
5. Task 5 - Grid Connection Study for Vlašić wind farm
6. Task 6 - Tender Documentation for Engineering and Construction of Wind Farm

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

Assignment expected start date and duration: The assignment is expected to start in May 2014 and last about 15 months.

Maximum Budget available for the Assignment: EUR 655,000 (exclusive of VAT).

Funding Source: WBIF/EWBJF budget

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.

The Consultant/Consortium is expected to have relevant expertise and experience from similar assignments involving preparation of Feasibility Studies for wind farms, Baseline Surveys on Birds and Bats for wind farm construction purposes, Environmental and Social Impact Assessment for wind farms, Transportation Studies, Geological and Geotechnical Investigations, Grid Connection Study, Preparation of Tender Documents for Engineering and Construction of Wind Farm.

In addition, relevant experience in European countries, with similar assignments for Task 1 on sites characterised by complex conditions (i.e. complex terrains, higher altitudes, low temperatures and presence of snow and ice during winter months) would be seen as an advantage.

The Consultant/Consortium has to submit an appropriate license for preparation of Environmental and Social Impact Assessment documents issued by the Federal Ministry of Environment and Tourism – Bosnia and Herzegovina in accordance with the Rulebook on conditions and criteria to be met by the authorized institutions for preparation of Environmental and Social Impact Assessment and on fees and other costs of the environmental impact assessment (Official Gazette of FB&H No. 33/12), i.e. valid list of the authorized institutions for the Environmental and Social Impact Assessment preparation.

The Consultant/Consortium has to be authorized for geological and geotechnical investigations in accordance with Ordinance on geotechnical survey and testing and geotechnical engineering mission content – Federation of Bosnia and Herzegovina (OGST FB&H) (Official Gazette of Federation of Bosnia and Herzegovina, No. 60/09), which implies a license issued by the Federal Ministry of Physical Planning and the Federal Ministry of Energy, Mining and Industry. If the Consultant/Consortium does not possess above mentioned evidence, it has to submit a statement that he will submit it (in case to be shortlisted and selected as the consultant) until the signing of the Contract.

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

- Company profile, organisation and staffing;
- Details on experience in three similar assignments for Task 1 and two similar assignments for tasks from 2 to 6, undertaken in the previous five (5) years, including their locations; overall budget, and proportion undertaken by the Consultant/Consortium both in terms of staff input and budget, experience in similar assignments on sites characterised by complex conditions, experience on similar assignments in the European country region, experience in work with IFIs;
- Economic and financial standing of candidate (this includes all partners in a Consortium) for each year in the last three (3) years; 2010 to 2012. The average annual turnover of the candidate must be at least Euro 1,000,000 for each year in the last three years; 2010 to 2012;
- CVs of staff (limited to maximum 4 pages per CV) for the following experts who could be available for the assignment, with indicated experience for the required work:

Key Experts:

1. Team Leader, educated at least up to University degree in electrical/mechanical/civil engineering with at least 10 years of experience in preparation and implementation of renewable energy sources projects, especially wind farms. In addition, the Team Leader needs to demonstrate adequate experience as a developer and leader.
2. Expert for wind potential analyses, educated at least up to University degree in electrical/mechanical/civil engineering with at least 8 years of experience in wind potential measurements, wind potential data evaluation and processing, optimisation of wind farm layout, estimation of electricity generation, noise and shadow flicker calculations and analyses. In addition, the Expert for wind potential analyses needs to demonstrate adequate experience as a user of professional software tools for wind potential data evaluation and analyses.
3. Expert for economic and financial analyses, educated at least up to University degree in economy or electrical/mechanical engineering with at least 5 years of experience in bankable feasibility assessment. In addition, the Expert for economic and financial analyses needs to demonstrate adequate experience as a user of professional software tools for cost benefit analyses (CBA) for wind farm projects.
4. Task Leader - Ecological expert for baseline survey on birds and bats, educated at least up to University degree in biology/ecology with at least 10 years of extensive work experience in wind power projects and experience with international methodologies in field of baseline survey on birds and bats. In addition, Ecological expert must possess practical field/working experience in southern Europe, and, also, must demonstrate an adequate experience as a Leader.

5. Task Leader - Expert for environmental and social impact assessment for renewable power sources projects, especially wind power plants, educated at least up to University education in mechanical/civil/technology engineering/natural science with at least 10 years of extensive work experience in environmental and social impact assessment for renewable power sources projects, especially wind power. In addition, Task leader must possess practical field/working experience, and must demonstrate an adequate experience as a Leader.
6. Task Leader - Expert for geotechnical investigations, educated at least up to University degree in civil/geological/mining engineering with at least 5 years of experience in geotechnics. In addition, the Expert for geotechnical investigations must have passed professional examination.
7. Task Leader - Expert for wind farm grid connection, educated at least up to University degree in electrical engineering with at least 5 years of experience in grid connection of generating facilities, especially wind farms.
8. Task Leader - Construction expert educated at least up to University degree in civil/geological/mining engineering with at least 5 years of experience in design, engineering, procurement and construction of wind farms.

Short Term Experts:

1. Expert for transportation,
2. Senior ornithological expert,
3. Senior bat expert,
4. Senior expert for ecology (flora, fauna and biodiversity),
5. Senior expert for socio-economic aspects (environmental and social impact assessment),
6. Expert for geological investigations,
7. Expert for laboratory testing

Short Term Experts will demonstrate to have university degree and at least 5 years adequate experience necessary for proposed position in relevant Task.

The above information should not exceed 25 pages excluding CVs.

One original and two numbered hard copies together with electronic copy on CD-ROM or DVD of the above information in English should be submitted to the address below in an envelope marked "Expression of Interest for Technical Assistance for Wind Farm Vlačić Travnik – B&H, No. EPBiH-TA-WF Vlačić-Cons-1/14-EIB, to reach the EP B&H not later than the above closing date.

Client's address for submission of EOI and obtaining of further information:

JP Elektroprivreda BiH d.d.- Sarajevo – Project Implementation Unit PIU

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