

ENERGY EFFICIENCY INFORMATION SYSTEM DEVELOPMENT SUPERVISION

BOSNIA AND HERZEGOVINA/REPUBLIC OF SRPSKA

ENERGY EFFICIENCY PROJECT ADDITIONAL FINANCING

P143580-BA-BEEP-8906BA- RFP-IC-20-50-RS

1. BACKGROUND

Bosnia and Herzegovina is the Borrower, and Republic of Srpska, through a subsidiary agreement with the Borrower, has received additional financing from the World Bank toward the cost of the Energy Efficiency Project, and intends to apply part of the proceeds for consulting services. The project development objective is to demonstrate the benefits of energy efficiency improvements in public sector buildings and support the development of scalable energy efficiency financing models.

The objective of the Energy Efficiency Project's corresponds to goals underlined in the Law on Physical Planning and Construction of Republic of Srpska (Official Gazette of Republic of Srpska no. 40/13, 106/15, 3/16 and 84/19) and the Law on Energy Efficiency of Republic of Srpska, adopted in 2013.

The Energy Efficiency Project will support energy efficiency investments ("subprojects") in schools, hospitals and clinic centers. A small number of other public facilities (e.g., elderly homes, orphanages, other administrative buildings) may also be included. The component will finance energy efficiency upgrades, as well as related technical consultancy services (e.g., energy audits, technical and social monitoring and evaluation, technical designs, supervision and subproject commissioning). It is estimated that up to 32 public buildings are expected to be renovated within 4 years of the project implementation. These investments will reduce the energy consumption of selected public buildings, and demonstrate the economic viability of energy efficiency improvements, including reduced recurring energy costs and associated public expenditures. In addition, the subprojects will generate demonstrable co-benefits, such as reduced CO2 emissions and improved indoor comfort levels (e.g., improved indoor temperature, better lighting and indoor air quality).

Project Development Objective Indicators are: lifetime energy savings, development and implementation of scalable EE financing models.

Intermediate Results Indicators are: lifetime fuel savings, GHG savings, number of subprojects completed direct project beneficiaries, increase in end-user satisfaction, development and implementation of customized skills training for target female beneficiaries, reflows from EE repayments and captured energy cost savings.

The PIU within the Ministry of Physical Planning, Civil Engineering and Ecology will be responsible for preparation, coordination, management and implementation of the project, including procurement, contracting, and payments of all goods, works and services related to the project. These Terms of Reference define the nature and scope of an assignment for supervision of EE information system development.

2. OBJECTIVES AND GENERAL DESCRIPTION

In 2013, Republika Srpska adopted two main laws transposing the EU requirements in the field of energy efficiency. These two laws are the Law on Energy Efficiency (OG RS 59/13) and the Law on Spatial Planning and Construction (OG RS 40/13, 106/15, 3/16, 84/19). Both laws include provisions related to information management in the sector, defining types of data and roles and responsibilities regarding the operation of the information system.

Ministry of Physical Planning, Civil Engineering and Ecology has hired a consulting firm for development of Integrated Energy Efficiency Information System of Republika Srpska (hereinafter EEIIS). EEIIS shall consist of a database that enables storage of all relevant data related to energy efficiency and software application that enables management of this database. EEIIS should encompass a different kind of data that will be used for multiple purposes, thus development of EEIIS has been planned in multiple phases by using modular approach. Upon completion of the phases EEIIS should contain the five modules. The consulting firm has finished the first phase that includes developing of conceptual solution for creating Information System.

Establishment of EEIIS has to be in accordance with the laws and relevant rulebooks of Republika Srpska.

Main objective of this assignment is to hire consultant that will perform supervision of the of EE information system development and to submit reports to the PIU. If necessary, the Consultant shall organise consultations with other relevant stakeholders that include the Ministry of Energy and Mining of Republika Srpska and Environmental Protection and Energy Efficiency Fund.

3. SCOPE OF SERVICES

The Consultant is expected to monitor whether the development of the EEIS is done in accordance with the terms of reference, concept solution and Rulebook on energy efficiency database in Republika Srpska. The PIU will provide terms of reference, concept solution for the EEIS, and other necessary data to the Consultant.

The Consultant is requested to submit the monthly reports on progress to the PIU for comments and approval.

4. SELECTION CRITERIA

- University degree in electrical engineering/IT (at least 240 ECTS), or related field
- Minimum 7 years of professional experience in IT
- Good knowledge of Republic of Srpska energy services market and public sector is an advantage
- Advanced computer skills (MS Word, Excel, Power Point)

5. OUTPUT/DELIVERABLES AND TIME SCHEDULE:

Output: Monthly reports on progress during assignment period (12 Reports).

Duration of this task: It is expected that preparation will take 5 days per month, in period of 12 months. In total 60 person-days.

The output of this activity will include:

No.	Description	#Total Days	Deadlines (after contract signing)
1.	Monthly Report	60	up to 15 days of the month to submit a report
TOTAL		60	

Estimated input of the consultant is 60 person-days

NOTE: All reports shall be prepared in Serbian.

