



Terms of references

Job Title:	International Green Urban Development Consultant to update the Urban Development Plan of Chisinau municipality by introducing a “green focus” and special emphasis on energy efficiency measures to be adopted
Project Reference:	ESCO Moldova - Transforming the market for Urban Energy Efficiency in Moldova by introducing Energy Service Companies
Duration of Employment:	20 March – 15 December 2015 with 30 working days, 20 home based days and two missions, totaling 10 days in Chisinau, Moldova.
Contract type:	Individual Contract
Duty Station:	Chisinau, Moldova

I. Background

The ESCO Moldova project, funded by the Global Environment Facility (GEF), has an implementation timeframe of 4 years with a budget of 1.3 million US\$ allocated by the GEF and 7.615 million US\$ allocated as co-financing by project partners.

The project objective is to create a functioning, sustainable and effective market of Energy Service Companies (ESCOs) in Moldova by converting existing energy service provider companies into ESCOs, as the basis for scaling up energy efficiency improvements and ultimately climate change mitigation efforts.

The main barriers that the project is trying to address are related to energy efficiency project financing; the eagerness of existing Energy Service Providers to embark on the ESCO business model; institutional barriers at the local level; and EE awareness in the municipal sector.

The ESCO Moldova Project intends to eliminate/address these impediments through the following project components:

1. Green Urban Development Plan is adopted and emission reduction projects are financed and implemented in Chisinau
2. ESCOs are successfully investing in energy projects in the building sector using Energy Performance Contracting modality
3. A Financial Mechanism in form of a Loan Guarantee Fund, is set up and functional, providing financing to ESCOs
4. ESCO(s) are designing, financing and successfully implementing energy efficiency projects using EPC modality in at least one other city in Moldova outside of Chisinau

II. Objectives:

Under component 1, the ESCO Moldova project has the objective to put a “green focus” and special emphasis on energy efficiency of the adopted Urban Development Plan (UDP). The requested assistance will help the municipality of Chisinau in updating the Urban Development Plan (UDP). Such a plan is crucial to green value chain at all steps of future urban development, especially in regards to the building sector owned and operated by the municipal authorities in Moldova. The plan will serve as a hands-on tool in defining specific areas in which the municipal ESCO will invest, will establish a strategy to finance the necessary investments

for achieving the emissions reduction targets and will provide grounds to developing of a 'Green Procurement Guide'.

Another important objective of this assignment is to update the Sustainable Energy Action Plan meant to encourage and support the municipality of Chisinau to achieve and implement a more sustainable local energy policies via the opportunities offered in the framework of the Covenant of Mayors.

III. Scope of work and responsibilities

The objective of this assignment is to provide technical assistance to the Municipality of Chisinau to update the existing Urban Development Plan by providing a "green focus" leading to a reduction of energy consumption as well as to CO₂ emissions, having a special emphasis on energy efficiency in the building sector and to thereby help turn the urban development plan into a Green Urban Development Plan.

Under the respective project component, the consultant will analyze the green urban development trends in Chisinau and will conduct an inventory of all national and municipal energy efficiency programs, action plans and relevant ongoing programs. All findings will be consulted with the municipal authorities and will be presented as a detailed findings and recommendations report to the PMU. Based on them, a number of updates to the Urban Development Plan will be proposed for the municipality review, approval and implementation.

A thorough gaps analysis of the Sustainable Energy Action Draft Plan will be conducted to identify the areas where it needs adjustments and improvements. In addition, the consultant will do a thorough review of the Financing Options/Opportunities for implementation of SEAP provisions and design a Resource mobilization plan for SEAP implementation. The proposed edition of the SEAP together with the Resource mobilization plan will be presented to the municipal council for adoption on the platform towards Chisinau's Cooperation with the EU Covenant of Mayors.

IV. Key activities:

International Green Urban Development consultant

The Consultant will carry out the following activities:

- (i) Analyze the existing Urban Development Plan (UDP) and relevant documentation defining the urban planning principles applied in the municipality of Chisinau and identify gaps, areas of major need for interventions and bottlenecks of the institutional framework in UDP development and approval;
- (ii) Assess and review all national and municipal energy efficiency programs and action plans, ongoing programs, green development trends, key barriers to green growth economic instruments implementation;
- (iii) Provide a summary of findings and, based on the international best practice, provide clear written recommendations to improve UDP and introduce "green" elements leading to a reduced energy consumption and to an overall reduction of GHG emissions;
- (iv) Develop a detailed report describing the proposed UDP updates by structure, priority, impact and involved costs;
- (v) Compile a comprehensive list of applicable green growth economic instruments and a roadmap for their implementation;
- (vi) In close consultations with all stakeholders, conduct a comprehensive SEAP gap analysis, recommend required improvements and present a draft of modified SEAP;
- (vii) Incorporate the stakeholders' feedback to the SEAP and validate the final draft of with PMU and municipality;
- (viii) Assess the opportunities of the overall proposed improvements to be financed and develop a resource mobilization plan with a clear guidance for the municipality to access the identified financing options;
- (ix) Present the results to the PMU and Municipality of Chisinau (Local Council).

V. Deliverables

Development and submission of deliverables is estimated to be broken down as follows:

Contribution	Duration (estimated)/ days
<i>Assessment Report/Gap analysis on the status of the Green Urban Development as an update for the 2025 Urban Development Plan;</i>	5
<i>A detailed review of all national and municipal energy efficiency programs and action plans, ongoing programs, green development trends, key barriers to green growth economic instruments implementation;</i>	10
<i>Adjusted Urban Development Plan incorporating recommendations and updates required to improve the document from the energy performance point of view. (To be presented and ready for approval by the Municipal Council);</i>	7
<i>Sustainable Energy Action Plan Analysis with a thorough review of financing options/opportunities and a detailed guideline helping the municipality of Chisinau to access funds for implementing the proposed measures (Resources mobilization plan);</i>	7
<i>Detailed power point presentation on key findings, recommendations and activities of the final (to be approved by the municipality) versions of the presented documents.</i>	1
TOTAL working days	30

VI. Duration and management arrangements

The International Green Urban Development Consultant will be appointed in accordance with the provision of the UNDP Individual contract modality. The effort estimate is 30 working during 2015, including 2 missions of 5 working days each (2 x 5 = 10 working days in Moldova) and 20 home based days.

The Consultant shall report directly to the Project Manager in regard to activities, tasks to be carried out, contract management and payment. The payment for services provided by the Expert will be made according to deliverables completed, and approved by the Project Manager.

VII. Requirements for experience and qualification

International Green Urban Development consultant

- Masters' Degree in Urban Planning and /or Architecture;
- At least 7 years of relevant working experience in the field of spatial, infrastructure and transport planning, urban design, ecology, green infrastructure;
- Previous experience working on green urban development for UNDP is an asset
- Previous experience working with UNDP GEF projects in Europe & CIS region is an asset
- Extensive knowledge about EU Urban Design Frameworks and Policies;
- Similar professional experience in Eastern Europe is an asset;
- Excellent proven analytical skills in analysis, leadership and overall diplomatic skills;
- Proven experience on preparation of written reports in English in an accurate and concise manner, and public presentation skills;
- Good organizational, time management and facilitation skills;
- Excellent command of English;
- Knowledge of Romanian or Russian languages would constitute an advantage but is not mandatory.

VIII. Documents to be included when submitting the proposals:

Interested individual consultants must submit the following documents/information to demonstrate their qualifications:

1. Cover letter with methodological guidelines on achieving the overall objective of the assignment;
2. Personal CV including past experience in similar projects;
3. Financial proposal (please consult the Procurement Notice for details).

IX. References

1. Brief description of ESCO Moldova project components and activities Annex 1