



TERMS OF REFERENCES

“Transfer of Czech experience in the development and implementation of the Sustainable Urban Mobility Plan of the Chisinau Municipality”

Job title:	National consultant for Sustainable Urban Mobility Plan and Street design of the Chisinau Municipality development
Type of Contract:	Individual Contract (IC)
Assignment type:	National consultant
Section/Unit:	Environment and Energy Cluster
Duty Station:	Chisinau (Moldova)
Languages required:	Romanian, English
Starting Date:	19 October 2018
Duration of Assignment:	95 working days till June 2019
Payment arrangements:	Lump sum contract (payments linked to satisfactory performance and delivery of outputs)
Evaluation method:	Desk review; interview of shortlisted candidates may be added

I. BACKGROUND

The Czech-UNDP Partnership for SDGs (hereafter CUP) project “Transfer of Czech experience in the development and implementation of the Sustainable Urban Mobility Plan of the Chisinau Municipality” is linked with the UNDP/GEF project “Moldova Sustainable Green Cities – Catalyzing investment in sustainable green cities in the Republic of Moldova using a holistic integrated urban planning approach”, 2,7 mln USD project, to be implemented during 2018 – 2022 years.

The objective of the project is to catalyze investments in low carbon green urban development based on integrated urban planning approach by encouraging innovation, participatory planning and partnerships between a variety of public and private sector entities.

As a vehicle for this, the project will support the design, launching, and establishment of the Green City Lab (GCL) to become the leading knowledge management and networking platform, clearing house, an inter-mediator of finance and a source of innovations and expertise to catalyze sustainable low carbon green city development in Moldova with a mission to transform Chisinau and other urban centers in Moldova into modern green and smart European cities with improved quality of life for their citizens, while also demonstrating opportunities for sustainable economic growth.

The direct global environment benefits of the project are expected to reach at least 200,000 tons of CO_{2eq}, resulting from the concrete pilot/demonstration projects in the building energy efficiency, transport and waste sectors. These are complemented by project's indirect GHG emission reduction impact at the estimated amount of 2.4 million tons of CO_{2eq} by scaling up, replicating and mainstreaming the project results and activities, including those of the Green City Lab.

As several cities (e.g. Plzeň, Ostrava, Brno, and Prague) from the Czech Republic have already experience in Sustainable Urban Mobility Planning, the replication of the best practices and lessons learned will be of benefit for both countries.

This CUP project is directly linked with the **Demonstration Project #3 Elaboration of the Sustainable Urban Mobility Plan (SUMP) leading to improvements in the urban transport network, and #1 Neighbourhood Renewal Green Urban Demonstration Project**. Both Demonstration projects will inform the new General Urban Plan committed for development in the upcoming years. It will also provide a policy basis for decision-making and identification of priority green city development areas within the municipality. Furthermore, the GCL is envisaging to support the EBRD in development of Green City Action Plan of the Chisinau Municipality.

II. OBJECTIVES

The **Overall Objective** of the tendered services funded by the Czech-UNDP Partnership for SDGs (hereafter CUP) is to strengthen the capacities of the Chisinau municipal public authorities in sustainable mobility planning and street design through transfer of the Czech relevant experience and knowledge. The expected result of the project is the enabling environment for successful development and approval of the Sustainable Urban Mobility Plan (SUMP) of the Chisinau Municipality coupled with guidelines and methodology for sustainable street designing, as well as piloting of the respective approach on one of the key streets of the municipality.

As part of this project, UNDP through its Green City Lab, will support the development of the SUMP and Sustainable Street Design Guide. The funding from the Czech-UNDP Partnership will facilitate organization of a study visit to the Czech Republic as well as expert support in the preparation of the ToR for SUMP development and guidance/mentoring for its development. Through the technical assistance and expert support for the development of the Chisinau municipality guide for street designing, the Chisinau authorities will be able to learn from the Czech and EU experience and approaches in modern practices used for street redesigning, which will ultimately secure equitable access of all social groups to urban infrastructure.

In parallel with the ToR development, the GCL will perform a study (in partnership with a mobile operator and municipality from Moldova) for passenger/citizens flow in the city, which will provide reliable data for the SUMP development. Also, the GCL will support the ToR and Mobility Plan

development through a fully participatory and consultative process with professional planners, citizens, policy makers and key stakeholders.

In a medium and a long-term SUMP, that will be developed in the framework of UNDP project should change the life in the city as its role is to:

- Ensure all citizens are offered transport options that enable access to key destinations and services;
- Improve safety and security;
- Reduce air and noise pollution, greenhouse gas emissions and energy consumption;
- Improve the efficiency and cost-effectiveness of the transportation of persons and goods;
- Contribute to enhancing the attractiveness and quality of the urban environment and urban design for the benefits of citizens, the economy and society as a whole.

At the same time SUMP will be a perfect tool for the municipality to establish a long-term vision for transport and mobility development for the entire urban agglomeration, which covers all modes and forms of transport: Public and private, passenger and freight, motorised and non-motorised, moving and parking, etc.

In the short-term implementation of the SUMP, will help municipality to effectively plan its activities and resources required for the implementation of policies and measures set out in the plan. SUMP can be a perfect tool for additional fundraising for the municipality, being the key document in transport sector. In compliance with elaborated Urban Mobility Plan, the UNDP GCL will further identify the possible investment areas i.e. procurement of soft for transport monitoring and training of the municipal public transport operators in implementation, segregated bus and cycle lane, congestion charge pilot, and different APP for public transport, e-ticketing etc.

The guidance for street design will inform the General Urbanistic Plan in the future and provide a policy basis for decision-making in on-going street renovation investment projects and in piloting of innovative integrated approaches in the city. As mentioned above, the street design guide will serve also a basis for the GCL innovation projects in green spaces creation/improvement, public lighting, piloting of the dedicated bus lanes etc.

III. OUTPUTS AND TASKS

The National consultant shall support Czech international consultants in transport mobility and urban planning to transfer their knowledge, skills and good practices in Moldova. The Consultant will work in close collaboration with the international consultants and under direct supervision of the Green Cities Project Manager and UNDP Country Office in Moldova.

The consultant will have the following responsibilities:

- Participate in the study tour organization for the experts from the Chisinau Municipality responsible for development of Sustainable Urban Mobility Plan and Urban Planning to better understand the context, gaps and vision for SUMP and street design;
- Assist international consultants during their missions in Chisinau for scoping, data collection mission, ToR presentation, street design consultations and draft guide presentation;
- Provide inputs to international consultants for the development of the Chisinau municipality guide for street design, that will incorporate street design elements, interim design strategies, intersections, intersection design elements, design controls and other needed elements;

- Overall supervision and quality check during the design stage and implementation of the redesigning of one of the selected streets in collaboration with the municipality (tentatively Mircea cel Batran blvd – the key street in Ciocana district);
- Provide all the needed support for data collection in oversight of available dynamic traffic models and suggest the options for implementation in Chisinau;
- Support in performing of the Training Needs Assessments for the officials from Chisinau Municipality for all issues related to street design;
- Provide inputs to international consultants in ToR development for elaboration of SUMP.
- Take the lead in supporting municipality of Chisinau during the Chisinau municipality guide for street design and ToR for elaboration of SUMP consultation process (both internally and externally with other institutions and citizens). Participate with presentations at all the required meetings in the support of the project.
- Support in finalization of the ToR for SUMP after the official consultation with to the Municipal council and city departments.
- Development and support in consultation of a strategic action plan for dedicated bike lanes in Chisinau (including schemes and drawings). The action plan should be presented to the municipality and wide public prior to finalization.
- Propose activities and draft ToR's (where applicable) for local initiatives related to urban development and provide a list of potential donors or funding mechanisms to support their implementation (i.e. <https://www.publicspacenet.org/about-psn>);

IV. SCHEDULE AND DELIVERABLES

The assignment will be carried out for 95 working days over a 9 month period from the date of starting of the assignment. It includes inter alia supporting the international consultants in data collection and other activities related to this assignment during their missions to Chisinau (approx. 3-5 missions are envisaged).

The assignment will require the completion of the following tasks:

	Deliverables	Estimated timing
1	Inputs provided to international consultants for the development of the draft Chisinau municipality guide for street design, that will incorporate street design elements, interim design strategies, intersections, intersection design elements, design controls and other needed elements;	By October 30, 2018 10 working days
	Report development on the study tour organized for the experts from the Chisinau Municipality responsible for development of Sustainable Urban Mobility Plan and Urban Planning to better understand the context, gaps and vision for SUMP and street design	By November 15, 2018 5 working days
2	Support provided in performing of the Training Needs Assessments for the officials from Chisinau Municipality for all issues related to street design; Support provided for data collection in oversight of available dynamic traffic models and suggest the options for implementation in Chisinau;	By November 15, 2018 10 working days
3	Development of a strategic action plan for dedicated bike lanes in Chisinau.	By November 30, 2018 20 working days

4	Draft ToR for Chisinau Sustainable Urban Mobility Plan	By December 15, 2018 10 working days
5	Report on the performed activities related to municipality of Chisinau support during the Chisinau municipality guide for street design consultation process (both internally and externally with other institutions and citizens).	By December 30, 2018 10 working days
6	ToR for SUMP finalized after the official consultation with the Municipal council and city departments (including Report on the performed activities related to ToR for elaboration of SUMP consultation process (both internally and externally with other institutions and citizens))	By February 28, 2019 10 working days
7	Overall supervision and quality check during the design stage and implementation of the redesigning of one of the selected streets in collaboration with the municipality (tentatively Mircea cel Batran blvd – the key street in Ciocana district);	By June 30, 2019 20 working days

V. QUALIFICATION CRITERIA

Academic qualifications:

- Master’s degree in architecture, urban development and/or other related fields.

Experience:

- At least 3 years of professional experience in architecture, urban development, urban mobility and/or other related fields;
- At least 3 years of professional experience of the state-of-the-art approaches and best practices in urban smart development;
- At least 3 years of professional experience in applying analytical and problem-solving skills and the related ability for adaptive management with prompt action on the conclusion and recommendations coming out from the assignment;
- Ability and demonstrated success to work in a team, to effectively organize it, and to motivate its members and other project counterparts to effectively work towards the project’s objective and expected outcomes;
- Proven experience in cooperation with international organizations or other bodies responsible for urban smart planning; previous working experience with UNDP or other international agencies will be an asset;
- Excellent communication, analytical, facilitation and presentation skills;
- Excellent computer literacy (Word, Excel, Internet, Power Point);

Language skills

- Proficiency (verbal and written) in Romanian and English; working level of Russian will be an asset;

VI. PAYMENT MODALITIES

The consultant will organize and facilitate the implementation of all project advisory activities as described above; his/her payment will be lump sum amount based, disbursed in instalments upon satisfactory performance and approval of deliverables.

VII. APPLICATION PROCESS

Applicants shall submit the following four documents:

Required

- Offeror's Letter confirming Interest and Availability;

- Curium Vitae including information about past experience in similar assignments and contact details for referees;

- Brief description of approach to work/technical proposal of why the individual considers him/herself as the most suitable for the assignment, and a proposed methodology on how they will approach and complete the assignment.

Incomplete applications not considered.

If an applicant is employed by an organization/company/institution, and he/she expects his/her employer to charge a management fee in the process of releasing him/her to UNDP under Reimbursable Loan Agreement (RLA), the applicant must indicate at this point, and ensure that all such costs are duly incorporated in the financial proposal submitted to UNDP.

VII. ANNEXES TO THE TOR

Annex 1- Individual Consultant General Terms and Conditions

Annex 2- Financial proposal template

Annex 3 - Offeror's Letter confirming Interest and Availability.