

Support in the development of a Parking Management Study for a pilot area of Batumi

Terms of Reference

National consultant

1 Background

The transport sector is one of the largest sources of greenhouse gases (GHG) in the South Caucasus (for example Georgia with 33% of energy-related emissions). Current projections show a doubling of transport-related emissions by 2030. In addition to the impact on the global climate, the transport sector contributes to a reduced quality of life in the cities due to its emission of air pollutants. Furthermore, economic damage is caused by congestion, accidents and by diseases due to air and noise pollution. This causes a high dissatisfaction of the population with the current traffic conditions (inadequate quality, safety, accessibility and coverage of public transport).

The German Federal Ministry for Economic Cooperation and Development (BMZ) commissioned GIZ to implement the regional programme 'Sustainable Urban Mobility in the South Caucasus' (Mobility4Cities) through the German Climate and Technology Initiative (DKTI). Mobility4Cities forms part of the BMZ-funded 'Good Governance Programme in the South Caucasus'.

Mobility4Cities supports city administrations in the South Caucasus to design, implement and further develop their urban transport systems in the frame of a participatory, sustainable and integrated urban development. Furthermore, the programme conducts a regional dialogue on urban mobility and the exchange of information regarding the content and best practices from other countries. Moreover, Mobility4Cities supports the national level to improve the overall framework conditions for urban mobility. Mobility4Cities covers all three countries that make up South Caucasus - Armenia, Azerbaijan and Georgia, but with a strong focus on Georgia.

For Batumi (Georgia) a Sustainable Urban Mobility Plan was prepared by UNDP in 2017 which represents a major strategy for the development of sustainable mobility in Batumi for the next decade. The document offers the improvement of parking conditions in Batumi that contributes to the sustainable mobility in the city. Moreover, a pre-feasibility study on sustainable transport has been elaborated by GOPA on behalf of KfW which also serves as a basis for transforming the transport system and infrastructure of Batumi in a more sustainable manner.

As a result of the Second Operational Planning workshop conducted on 20 May 2021 with the programme focal point from Batumi City Hall (BCH), the parties agreed to cooperate and jointly work towards conducting a **Parking Management Study for a pilot area of Batumi**.

2 Overall objective of the assignment

The overall objective of the assignment is to conduct a comprehensive parking study in a selected pilot area of Batumi to support the city in analyzing the existing and future projected supply and demand for parking and developing a strategic management plan for parking. The Study should be conducted in consultation with key authorities and stakeholders from Batumi.

The Parking Management Study can include, but is not restricted to:

1. Introduction and Overview

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- Objectives and focus of the Study
 - Analysis of existing parking studies/strategy/policy/plans/regulations in Batumi
 - Overview of the pilot area – road infrastructure/parking facilities
 - Overview of best practice examples from **X** selected countries/cities
2. Existing parking conditions
- Types of parking available in the pilot area
 - Parking inventory – public parking, private parking, on-street parking, residential parking etc.
 - Parking fees
 - Total parking supply
 - Parking demand
3. Parking priorities for the pilot area
- Feasibility analysis of constructing a multi-level parking facility in the study area together with target group (e.g. residents, tourists)
 - Analysis of the results of consultations with the stakeholders and the target groups
 - Analysis of types of a multi-level parking facility (e.g. above ground, underground etc.)
 - Suggested measures for constructing a multi-level parking facility
 - Suggestion of other parking management measures feasible for the selected area
4. Business involvement opportunities
- Cost-benefit analysis of the establishment of the multi-level parking facility
 - Barrier analysis for private sector engagement and recommendations for addressing those challenges
 - Consultations with the business sector based on the cost-benefit analysis
 - Assessment of the interest of the business sector in participating in the construction of the suggested parking facility
5. Parking management plan for the pilot area
- Recommendations for the design of the multi-level and other parking facility with infrastructure, regulations, payment schemes, etc.
 - Implementation plan of the recommended measures with a clear description of the proposed activities, phases and responsibilities
 - Assessment of relevant costs and definition of potential financial sources
6. Development of recommendations for strategy and framework conditions at local and regional/national level; recommendations for the potential incentivization/encouragement of private sector engagement by the City.

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The contractor is responsible for providing the following services:

3 Scope of work, tasks and the envisaged timeframes

Parking Management Study for a pilot area of Batumi shall be managed by an international consultant in the lead and a supporting national consultant. Whenever necessary, they shall steer participatory approaches to cooperate with and include the city of Batumi and other relevant governmental and non-governmental stakeholders and the target groups.

Following tasks are expected to be conducted by the national consultant:

Phase	Task	Estimated Number of Working Days	Deadline
1	Support the international consultant in understanding of situation and collecting the necessary information and data Support in: <ul style="list-style-type: none">conducting a desktop research and analysis of the current parking conditions in the pilot area of Batumiconducting the analysis and mapping of the relevant stakeholders and target groups;Conducting interviews with stakeholders and target groups	5	30 December 2021
2	Support the first mission of the international consultant to Georgia <ul style="list-style-type: none">Support international consultant in getting an understanding of Batumi and on-site assessment of parking conditions and street infrastructure at the pilot area;Upon the request and together with the international consultant prepare and conduct a workshop for getting/developing the first ideas on the different chapters of parking management study and getting the ideas for encouragement of private/business sector engagement. This includes the support in identifying the participants, developing the workshop agenda and invitations, arranging the translation and moderation, and other measures as necessary.	7	30 January 2022
3	Support in collecting the data/information	20	For the First Phase: 28 February 2022

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	<ul style="list-style-type: none"> • Conduct interviews with stakeholders in cooperation and based on the interview-concept of the international consultant; • Collect the available data on policies, regulations, laws, strategies, programs related to parking, urban planning and street design, parking arrangements, and other data as requested by the international consultant; • Assessment on existing parking conditions in the area (infrastructure, type, inventory, fees, demand and supply, etc.); • Assessment of the feasibility to construct a multi-level parking facility and/or other parking facility in the pilot area. 		For the Second Phase: 30 May 2022
4	<p>Support the second mission of the international consultant to Georgia</p> <ul style="list-style-type: none"> • Together with the international consultant prepare and conduct a workshop for: <ul style="list-style-type: none"> - presentation of the ideas of the parking management study including the development of the multi-level and other parking facility; - conducting the promotional activity for private sector; - collection of the missing data and information; - development of basic recommendations for parking management on the consultations with stakeholders, target groups and business sector. • Support the international consultant in the arrangements of the necessary measures for the workshop, such as: <ul style="list-style-type: none"> - Identification of the participants; - Development of the agenda; - Development of the invitations; - Ensuring the translation and the moderation; - Other measures. 	7	30 March 2022
5	Support the international Consultant in finalization of the study including development of recommendations for the potential incentivization/encouragement of private sector engagement by the city.	6	30 June 2022
Total		45	

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4 Deliverables

- Data sheets with replies to questions prepared by the international consultant;
- Reports of interviews with stakeholders and of data collection (according to methodology);
- GIS Map/Layer of assessed existing parking infrastructure, street conditions of the pilot area and other available data;
- Reports on workshops with all workshop outcomes needed for the walkability concept.

The deliverables will be elaborated in close coordination with Batumi City Hall and Mobility4Cities team.

5 Period and location of the assignment

Period: 22 November 2021 – 30 August 2022

The assignment includes the travels to Batumi/Tbilisi, according to the location of the contactor.

6 Total amount of working days

Working days: 45 (8 hours per working day)

7 Requirements for consultancy

- Data collection specialist with minimum 3 years of work experience;
- Knowledge about transport planning/urban planning/urban infrastructure design;
- Experiences with GIS Applications;
- Good English skills.

8 Payment modality

Within the frames of the contract payments will be made in three instalments against provision of an invoice containing details on expert days provided.

- The first interim payment will be made after the contractor finalizes phases 1 and 2 and submits the report of the first mission;
- The second interim payment will be made after the finalization of the phase 3 and submission of the information about the data collection;
- The final payment will be made after the finalization of phases 4 and 5 and submission of the of the report on the second mission.

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The payments include the travel expenses to Batumi/Tbilisi. The consultant will be asked to submit the proper substantiation (bills, tickets, invoices etc.) for the expenses related to travel and stay in Batumi/Tbilisi during the contracting period and pursuant to the tasks and activities of the contract.

9 Requirements on the format of the bid and submission details

The proposal should be provided in English language and shall not exceed 7 pages (excluding CV). It should clearly define the methodology and approach for each Task as defined in Section 2 of this ToR and experience of the company in the relative field. The experience chapter should clearly state project title, project description, project execution timeline and the role of the company within the project. The CV of the personnel proposed in accordance to Chapter 7 of this ToR should not exceed 4 pages.

Proposal should include detailed budget for each Task separately. The total price should be provided excluding VAT.