

Sustainable Cities Series of Projects
(SCP1 - P128605; SCP2 – P161915; SCP2 AF – P170612)

Terms of Reference for Individual Consultant

Water and Sanitation Specialist (Support for Construction Supervision)

A. BACKGROUND

The Sustainable Cities Program (SCP) has been implemented by Ilbank with technical and financial support from World Bank. The SCP aims at supporting the sustainability of Turkish cities, including to: (i) respond to current and increasing demands for urban services; (ii) plan for future infrastructure service needs in a sustainable manner; (iii) mobilize financing to fund investment priorities; and (iv) adhere to new spatial planning mandates and infrastructure service requirements as prescribed by the amended Metropolitan Municipality Law No 6360 in December 2012. The new Metropolitan Municipality Law increased the number of metropolitan municipalities from 16 to 30 and expanded the geographical coverage of administrative areas to provincial boundaries, impacting administration of public utilities, i.e. water, wastewater and waste. With this law, 14 new metropolitan municipalities and their utilities were established.

The Sustainable Cities Program is designed and financed as a series of projects (SOP) as follows:

Sustainable Cities Project 1 (P128605). SCP 1 is the first in the SOP and consists of: a Grant (Euro 23.125 M) financed through EU-IPA funds for Component A: Sustainable City Planning and Management Systems; a Loan financed by IBRD for Component B: Municipal Investments (Euro 121 M); and counterpart financing from ILBANK for Component C: Project Management. Following the signing of the Loan Agreement, on December 26, 2016, ILBANK signed sub-loan agreements with MUSKI and DESKI on December 28, 2016.

Component A has been providing technical support to 14 municipalities around the theme of sustainable cities. As part of the Sustainable Cities framework, technical assistance activities have been supporting participating cities in strengthening three dimensions of sustainability (environmental, economic/financial, and social) and developing spatial, environmental, and financial planning instruments to guide sustainable urban development. As part of these efforts, Component A has been financing technical assistance on non-revenue water management.

Component B finances water and sewerage sub-projects in Denizli - DESKI and Mugla – MUSKI. Works are underway in both municipalities and both utilities have hired consultancy services for construction supervision. In Denizli, SCP 1 finances two packages for the construction of water, wastewater and stormwater networks. In total, around 170 km of water network, 120 km sewerage network and 50 km of storm water network are being constructed in seven quarters of Denizli. MUSKI sub-projects include construction of two wastewater treatment plants in Turgutreis (37,000 m³/day) and Marmaris (59,656 m³/day) and rehabilitation of the existing Marmaris WWTP (50,625 m³/day). Deep sea outfalls for the mentioned WWTPs will also be constructed. The project provides

financing also for construction of around 200 km of sewerage network and sewerage collector, and rehabilitation of many existing WWTPs.

Sustainable Cities Project 2 (P161915) is the second in the SOP and consists of Component A: Municipal Investments (Euro 73.5 M) financed through an IBRD loan and Component B: Project Management financed by ILBANK. Following the signing of the Loan Agreement on May 16, 2018, Ilbank signed sub-loan agreements with MUSKI (Mugla) and ASAT (Antalya) on May 17, 2018.

Under SCP2, the subprojects in Antalya cover construction of water transmission lines, wastewater networks and wastewater infrastructure in several districts of the city. In Mugla, SCP2 provides financing for construction of sewerage networks and WWTPs and procurement of several equipment in different districts. For design review and construction supervision services, MUSKI hired an independent consultancy company and ASAT is working with ALDAS for these services.

Sustainable Cities Project 2 - Additional Financing (P170612, SCP2-AF) facilitates scaling up of municipal subprojects in a broader number of municipalities and sectors (Euro 500 M). The aim is to increasingly support multi-sectoral, system and resilient thinking towards urban development, for example, by considering energy efficiency, minimizing water losses in urban water systems, and alternative energy sources for water and waste water facilities or ensuring storm water systems can support greater volumes during intense localized rainfall events, which are expected to increase as the climate warms. Around half of the investment subproject pipeline for SCP2-AF is in the broader environmental infrastructure subsector (i.e., water, wastewater, stormwater and solid waste management) in several municipalities. Feasibility, environmental, and social studies are being finalized for most sub-projects, and some sub-projects have already moved to procurement stage.

B. TASKS AND RESPONSIBILITIES OF THE CONSULTANT

The Individual Consultant will support the Bank's Task Team for SCP in providing implementation support to ILBANK for environmental infrastructure subprojects financed under SCP 1, SCP 2, and SCP 2-AF, including in particular those with works under execution. Specifically, the Consultant will:

- provide technical advice to the Bank's Task Team regarding water, wastewater, stormwater, and solid waste management subprojects under SCP SOP, especially those where construction works have started;
- join/conduct site visits to subprojects in municipalities across Türkiye as part of World Bank missions to support monitoring and provide technical advice to the World Bank team on the ongoing construction works in the water, sanitation, stormwater, and solid waste management sectors. After each visit, the Consultant will prepare a report including his/her findings regarding the investments.
- occasionally review supervision reports prepared by construction supervision consultants for the ongoing water, sanitation, stormwater, and solid waste management construction works as well as other related technical documentation provided by ILBANK and provide advice on technical issues as requested by the Task Team,

- Join technical meetings as part of semi-annual World Bank implementation support missions and as needed, provide inputs to the aide-memoires and other reports prepared by the Task Team.
- Perform any other duties as requested by TTL.

C. TIME FRAME AND LEVEL OF EFFORT

The contract will start as soon as possible and end on June 30, 2023, for a total of 15 working days, with the possibility of extension for subsequent WB fiscal years (July 1 – June 30) or including additional days based on satisfactory performance and mutual agreement.

D. QUALIFICATIONS

- At least fifteen (15) years of combined professional and educational experience in construction supervision and monitoring of construction sites, including at least a Bachelor's degree in civil engineering or environmental engineering. Master's degree preferred;
- Extensive technical knowledge and practical experience, especially in construction supervision, on water supply, sewerage, and storm water network, and wastewater treatment plants. Additionally, experience in construction supervision for solid waste management projects will be an asset.
- Knowledge of and ability to execute monitoring processes related to the undertaking and reporting against spot checks.
- Effective time management and reporting skills and ability to produce high quality work in a timely manner.
- Familiarity with the context and terminology of municipal infrastructure themed and externally-financed projects is an asset.
- Fluency in Turkish, and good working knowledge in English.

E. REPORTING AND COUNTERPARTS

The Consultant will report to Bontje Zaengerling and Ahmet Kindap, TTLs of SCP Series of Projects. The Consultant will closely work with other WB team members responsible for technical aspects. All reports should be sent to the SCP TTLs (Bontje Zaengerling, Ahmet Kindap) and the SCP Task Team.

F. PAYMENT

The contract will be based on a daily rate in Turkish Liras to be established based on the resume and guidance from the resources management unit. The consultancy is expected to involve travel

to project sites in various Turkish municipalities. The World Bank will reimburse all reasonable transportation and accommodation expenses for the consultant's participation in site visits and mission(s). In case of in-country travel, the World Bank will also reimburse for a reasonable transportation and accommodation. Every reimbursable, out-of-pocket expense that will be incurred must be authorized upfront and will be reimbursed upon presentation of appropriate supporting documentation. Travel arrangements also must be made in coordination with the World Bank after previous authorization by the TTLs.

G. APPLICATION

Please send your application, consisting of a CV and cover letter in English, to Burcu Degirmencioglu (bdegirmencioglu@worldbank.org) by December 7, 2022.