

Municipal Development Fund of Georgia (MDF)
Sustainable Urban Transport Investment Program - Tranche 5
Call for Expression of Interest (EOI) – Issue Date: November 25, 2017

Consulting services for Construction Management and Supervision of the Tbilisi Metro Rehabilitation

The Government of Georgia has requested a loan from the Asian Development Bank (ADB) to finance the Sustainable Urban Transport Investment Program – Tranche 5. Part of the loan proceeds will finance the Tbilisi Metro Rehabilitation project.

In Georgia, the development of a sustainable urban transport network is a key component for the development of urban areas and enhancement of Tbilisi as an important business center in the South Caucasus region. Tbilisi is the capital of Georgia with a total of 1.15 million inhabitants. Based on local development strategy and existing masterplans, the Government has prioritized the improvement of transport services in all towns and cities through the country, starting in areas of most urgent or strategic needs. The Government has already invested significantly during last decade, and further investments are on-going in order to: (i) meet the increasing demand and guarantee good mobility conditions for all residents; (ii) improve quality of life, protect the environmental conditions, and support development of tourism; and (iii) provide world-class infrastructure to allow private companies and investors to find a convenient and efficient environment to prosper.

Tbilisi Metro opened in 1966 and became the fourth Metro system in the former Soviet Union. The Tbilisi metro system currently consists of 2 lines totaling 27.1 km of double-track and 23 stations.

The first line “Akhmeteli–Varketili Line” was opened on 1966, it serves 16 stations over 20.1 km.

The second line, called “Saburtalo Line” was opened on 1979, it serves 6 stations over 7 km (its extension is still in progress).

21 of 23 stations are below ground and 2 are at surface level. Among the underground stations, 17 are at deep level and 4 shallow. The underground structure is composed by twin tunnels interconnected by cross passages, rail crossings and stations.

Despite the continued efforts of TTC to keep maintenance activities on track, major concerns have been identified regarding the current condition of key components such as cabling, escalators, ventilation system and water drainage pumps of the metro system. Aside from the Metro systems having been worn out for decades of under maintenance, it also has inadequate accessibility, weakness in the multimodality transfer with other public transport modes in interchanges stations, and low energy efficiency as compared to similar modern metro systems in the world.

The objective of the project is rehabilitation, replacement, and upgrading of Tbilisi Metro installations, particularly: (i) replacement of power transmission cabling in Tbilisi Metro, i.e. 191,000 meters of low voltage lines (220-380v), and 137,000 meters of medium voltage lines (6-10kV); and (ii) rehabilitation of ventilation system in Tbilisi Metro, including the installation of 32 ventilation fans replacing missing and worn out equipment.

The consulting firm shall meet the following requirements:

- (i) Register as a consulting firm under the ADB Consultant Management System (CMS) in accordance with the terms of both firm legal registration and home country status of each individual team members (all experts engaged under the contract must be citizens of one of the ADB member countries).¹

¹ For further information, see: https://uxdmz06.adb.org/OA_HTML/adb/adbpos/jsp/ADBPOSRegisterInfo.htm

- (ii) The Consultant should have extensive experience in metro project implementation, specifically in electro mechanical works, associated civil works, quality control, contract management and dispute resolution of similar size international contracts. Experience in Georgia, in Caucasus, or in East European or Central Asian countries is an advantage.

The assignment should be implemented over a maximum period of 18 months from the start date.

The consulting firms shall be selected in accordance with the Quality and Cost Based Selection, Full Technical Proposal (Time Based Contract) method as per the procedures set out in the [Guidelines on the use of Consultants by Asian Development Bank and its Borrowers](#).

Interested firms are invited to submit their Expression of Interest (EOI) using ADB Consultant Management System (https://uxdmz06.adb.org/OA_HTML/OA.jsp?OAFunc=XXCRS_CSRN_HOME_PAGE) in accordance with the instruction given on the ADB web-page:

https://uxdmz06.adb.org/OA_HTML/adb/adbpos/jsp/ADBCMSLogin.jsp by **December 25, 2017**.

Municipal Development Fund of Georgia
Mr. Galaktion Buadze, Executive Director of MDF
150 D. Agmashenebeli Avenue, Tbilisi, Georgia,
Tel.: +99532 2437001or/02/03/04
Fax: +99532 2437077;
E-mail: procurement@mdf.org.ge