

Ministry of Water and Irrigation/ Water Authority of Jordan announces Upcoming Wadi Zarqa Wastewater Plant Project

Amman, 21/11/2024 - The Water Authority of Jordan is pleased to announce the preparation of its upcoming Wadi Zarqa Wastewater Treatment Plant (WWTP) project.

The Water Authority of Jordan (WAJ) has applied for funds from the European Investment Bank (EIB) and the United States Agency for International Development (USAID) and it intends to apply part of the funds to payments under **“Design-Build-Operate (DBO) of the Wadi Zarqa WWTP”**.

WAJ is currently conducting a market sounding exercise with potential developers and contractors to gather inputs and feedback on the project, as well as to assess capacity and appetite to deliver the project.

Project Overview

The Wadi Zarqa WWTP project is a strategic project for Water Authority of Jordan (WAJ) to improve the water sector and sustainability in Jordan/ Amman- Zarqa and will be the 2nd largest WWTP project in Jordan, and. The project will be constructed in two phases and WAJ plans to tender for the procurement of a design, build and operate (DBO) contract for Phase I. Phase I will include the construction of the following:

- New wastewater treatment plant (WWTP) rated for an annual average flow of 150,000m³/d.
- Expansion of the pretreatment unit at an existing pump station to meet a flow of 18,000m³/h.
- New inline hydropower turbine and Combined Heat and Power system - CHP system for onsite generation of more than 80% of the plant electricity needs.
- Approximately 12 km of a new 1600/1700mm conveyor pipeline

The environmental and social impact assessment, preliminary design and procurement services for the Project are being developed and funded by USAID under the Building Water Infrastructure (BWI) Project.

Market Sounding

The market sounding will provide the Water Authority of Jordan (WAJ) with:

- A better understanding of the current market capabilities and constraints.
- Feedback on proposed project timelines and specifications.
- Feedback on success factors and key challenges.

Following the market sounding, Water Authority of Jordan (WAJ) will evaluate the feedback and integrate relevant insights into the project planning process. This will be followed by a formal procurement process.

Interested local and international contractors with experience in designing, constructing and operating large size WWTP (>50,000 m³/day and minimum operation period of 5 years) can contact Water Authority of Jordan (WAJ) at [Wadialzarqa_phaseI@mwi.gov.jo] by no later than [December 1st, 2024] to show interest in participating to the market sounding.

Acting Secretary General of WAJ

Eng. Wael Aldwairi

P.O Box 2412, Amman 11183

Hashemite Kingdom of Jordan